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Repeater Journal

8 STATE REPEATER INDEX INSIDE

The Official Voice of SERA, Inc.

Feb., March, April 2002 3.00

THANK YOU, WAYNE!

The SERA staff presents this token of appreciation to: Wayne C. Williams, K4MOB

for 23 years of faithful, dedicated, and volunteer service to the SouthEastern Repeater Association, Inc. as Editor of the SERA Repeater Journal 1978 - 2001

23 Years of the Repeater Journal!

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GEORGIA

DIRECTOR
Richard (Rick) Wright W4LOC
FREQUENCY COORDINATOR
93 Morrison Lane, Chickamauga, GA 30707
(706) 539-2334

VICE - DIRECTOR
Jeff Benjamin W4KMB
FREQUENCY COORDINATOR
1704 Cedar Lane #1, Flintstone, GA 30725
(423) 505-4747

ASST. DIRECTOR (Atlanta Metro)
M. Terry Jones W4TL
4816 Windwalker Dr. - Flowery Br., GA 30542
(770) 967-6364

ASST. DIRECTOR (S. GA.)
Scott Haner KB0Y
P.O. Box 2500, Valdosta, GA 31604
(912) 244-9402

ASST. DIRECTOR
Dave Shiplet AC4MU
107 Mossy Lake Rd., Perry, GA 31069
(912) 987-3000

KENTUCKY

DIRECTOR
STATEWIDE COORDINATOR
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238 Hollybush Rd., David, KY 41616
(606) 886-8684

VICE-DIRECTOR - Vacant

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Steve Grantham N5DWU
P.O. Box 127, Ellisville, MS 39437
(601) 477-2502

VICE-DIRECTOR - Vacant

NORTH CAROLINA

DIRECTOR
Danny Hampton K4ITL
5453 Rock Svc. Sta. Rd., Raleigh, NC 27619
(919) 662-9797 - (fax) 662-4149

VICE-DIRECTOR
STATEWIDE COORDINATOR
Frank A. Lynch W4FAL
2528 Oakes Plantation Dr. -Raleigh, NC 27610
(919) 217-1999

ASST. DIRECTOR
Bob Lukaszewski K4HA
6009 Brass Lantern Ct., Raleigh, NC 27606
(919) 833-0199

ASST. DIRECTOR
Chuck Wright K4NYS
5310 Woodsdale Rd., Raleigh, NC 27606
(919) 961-7484

SOUTH CAROLINA

DIRECTOR - COORD WEST SC
Roger Gregory W4RWG
102 Partridge Road, Union, SC 29379
(864) 427-1462

VICE-DIRECTOR - COORD EAST SC
Jim Cantrell WJ4C
33 Ben Black Rd.
Union, SC 29379
(864) 427-3823

TENNESSEE

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(865) 579-3494

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240 West White Road
Collierville, TN 38017
(901) 853-8671

ASST. TO DIRECTOR
Brad Adams N4PYI
1706 Benders Ferry Rd. - Mt. Juliet, TN 37122
(615) 773-7420

VIRGINIA

DIRECTOR - WEST
Don Williams W4VT
412 Ridgeway Dr. - Bluefield, VA 24605
(276) 326-3338 - (Fax) 322-2282

VICE DIRECTOR - EAST
Jim L. Cambell, K4YM
P.O. Box 697 - Montross, VA 22520
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ASST. DIRECTOR-EAST
Jay Campbell N4YMY
12085 Cheroy Woods Ct. Ashland, VA 23005
(804) 752-6688 (h) 662-2747 (w)

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H. Alex Hedrick, Jr. N8FWL
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(304) 252-6611 (h) 673-6611 (w)
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FEB., MAR., APRIL 2002 - ISSUE 1

SERA Repeater Journal
The Official Voice of SERA, Inc.

By Far . . .The Most Recognized Regional Amateur Publication in the United States

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.
Exclusively for Southeastern Repeater owners and users.

Editorially Speaking

Thank You, Wayne!

When I moved to North Carolina from Chicago (more or less) in 1990, one of the first hams I met was Ed Alderman WA4PEN. Ed introduced me to the ***Repeater Journal,*** and I was impressed. I had edited an "award-winning" club newsletter for a big FM club in Chicago - the usual little black and white, cut & paste variety - but I had never seen a regional publication that looked like this. It was a real magazine, with color covers, lots of ads and meaty articles.

But I paid little attention to the person who put the magazine together. I suppose that was normal. Bylines notwithstanding, magazine writers and editors are a fairly anonymous group. Do you know who edits ***QST... CQ?***

I met Wayne for the first time on April 14, 1991. I know the date because I'm looking at the receipt for the Alinco DR-590 I bought from Williams Radio at the Raleigh Hamfest (which is on April 14 again this year, coincidentally, and Hank, you're welcome for the plug). I'm afraid I was one of those cheap b*****d hams who thought the dealer was going home rich at the end of the day. I recall Wayne as being helpful, but a little gruff. I doubt he remembers me at all from that time. And although Wayne and Williams Radio were well-known to hams who had been around a while, I didn't connect him to the ***Repeater Journal,*** either.

Some people say they read the ***Journal*** cover-to-cover as soon as it arrives in the mail. Well bless 'em, but I wasn't one of those hams. I was busy, so I skimmed each issue and read the articles whose headlines grabbed my attention. But I know I made the connection by early 1993, because I wrote an article for the local Raleigh newsletter titled "The Difference Between Packet and Kudzu." In the article is a paragraph sub-titled "Wayne's World" with a just-this-side-of-nasty reference to a recent editorial:

> The February issue of the "SERA Repeater Journal" arrived with a blistering page-one editorial condemning packet on "voice frequencies." Journal Editor Wayne Williams K4MOB titled his editorial "Is There Going To Be Trouble," and then did his best to assure that there will be. Wayne wrote "It's hard to understand why operators of packet see fit to go up into the FM voice simplex frequencies, but I guess some of these operators feel they can do and go as they please... I do know that the digital people operating on voice simplex frequencies are wrong."

Hey, we're all professionals here, and I knew Wayne was receiving a copy of the club newsletter. And I really didn't disagree with him. I just took a

(Continued on Page 24)

SERA OFFICERS & STAFF

PRESIDENT
Don Williams, W4VT
412 Ridgeway Dr.,Bluefield, VA 24605
(540) 326-3338 - (fax) 322-2282

VICE-PRESIDENT
Richard (Rick) Wright W4LOC
93 Morrison Lane, Chickamauga, GA 30707
(706) 539-2334

TREASURER
Johnny Wofford, WA4ETE
6781 Oakmoor Circle S. - Bartlett, TN 38135
(901) 384-4349 - (fax) 384-3879

SECRETARY
H. Alex Hedrick, Jr., N8FWL
P.O. Box 417 - Beckley, WV 25802
(304) 252-6611 (h) 673-6611 (w) (fax) 255-5224

EXECUTIVE COMMITTEE
Don Williams W4VT (540) 326-3338
J. Allen "Pete" Seabolt N4KHQ (706) 864-6613
Johnny Wofford WA4ETE (901) 384-4349
H. Alex Hedrick, Jr. N8FWL (304) 252-6611
Danny Hampton K4ITL (919) 662-9797

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Danny Hampton K4ITL (Chmn) (919) 662-9797

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REPEATER COORDINATION HELP
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SPECIAL ASSISTANCE LINE
1-888-593-5527 or E-Mail: help@sera.org

INFORMATION - info@sera.org

PIPELINE TO PRESIDENT - w4vt@sera.org

REPEATER JOURNAL STAFF

EDITOR - PRODUCTION COORD.
Gary Pearce, KN4AQ
116 Waterfall Ct., Cary, NC 27513
(919) 380-9944

ADVERTISING DEPARTMENT
Wayne C. Williams, K4MOB
600 Lakedale Rd., Colfax, NC 27235
(336) 993-5527 or (888) 593-5527 (Voice or Fax)

FEATURE WRITERS
David Bower, K4PZT - *"Nostalgic Wavelengths"*
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SERA
The Most Recognized Regional Amateur Magazine in the U.S.

Repeater Journal

The Official Voice of SERA, Inc.

Feb, Mar, Apr. 2002
Volume 31, No. 1
Organized in 1971

" Completing 31 Years"
Of Continuous Service
To Amateur Radio

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Check out the Official SERA Web Site: www.sera.org

About the SouthEastern Repeater Association,

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 329,000 square miles across 8 states. Over 2,450 repeaters are available to more than 91,000 Amateurs from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. In 2002, SERA completes its 31st year of service with our continued mission statement: "To serve the Amateur repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers."

About the SERA Repeater Journal Magazine

The *Repeater Journal,* voice of SERA is published quarterly, on the first of the months of February, May, August and November and mailed free to members of SouthEastern Repeater Association, Inc. DEADLINES: News and Ad copy due the 1st of the month, one month prior to publication. (Jan. 1 for Feb, Apr. 1 for May, Jul. 1 for Aug. and Oct. 1 for Nov. issues.) The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. News and newsletter exchanges should be mailed to the Editor or for coverage to individual State correspondents whose addresses are in this book under their individual State Columns.

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About SERA Associate Membership

(A Membership for Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable one to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first week of February, May, August and November. Memberships received after deadline will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership

(A Membership for Repeater Owners & Sponsors)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

SERA WINTER BOARD MEETING

K4MOB Retires as *RJ* Editor

Gary Pearce KN4AQ

The SERA Winter Board meeting lived up to its billing for the first time in many years, as a series of storms kept most of the North Carolina members from attending, and caused the Sunday session to be cancelled so those who did attend could get home before snow and ice closed roads and mountain passes.

Still, the Board got down to business for a productive meeting on Saturday, January 5th, in Pigeon Forge, TN.

***LAPTOP LANE** - the SERA Board members come to Pigeon Forge well equipped*
photo by WA4ETE

K4MOB Honored for Service

Unfortunately, Wayne Williams K4MOB, the ***Repeater Journal*** editor for the past 23 plus years, was one of the North Carolina board members who was unable to attend due to the weather. This meeting marked Wayne's official retirement as editor, after taking on the job in 1978. SERA President Don Williams W4VT presented Wayne with a plaque honoring his service. Incoming editor Gary Pearce KN4AQ accepted the plaque on Wayne's behalf (see the cover).

Wayne is not leaving SERA. He will continue to wear several hats while taking on a more behind-the-scenes role. He will continue preparing ***Repeater Journal*** advertising, working on the master repeater database, handling membership inquiries and leading a project to archive SERA records from their current, bulky paper form to a permanent electronic form.

Incoming RJ Editor KN4AQ accepts Wayne's plaque from SERA Prez. W4VT
photo by WA4ETE

But the Board recognized that it is the ***Repeater Journal*** that has brought national recognition to both Wayne and SERA, and they thank him for an amazing 23 years of service.

In with New, Out with Old...

There were several other personnel changes at the meeting. Don Williams reappointed most officers, but the following resignations and appointments were noted and approved:

Pete Seabolt N4KHQ resigned as Vice President, and the Board elected Georgia Director Rick Wright W4LOC as his replacement.

Kentucky Director Jerry Shouse N4EQT had tendered his resignation, effective January 15th. Assistant Director Mike McCown K4ITF was elected Vice-Director, and will assume the office of Director on that date.

Tennessee Director Johnny Wofford WA4ETE also resigned as Director, but will remain as SERA Treasurer. Vice Director Tim Berry WB4GBI will become the new Tennessee Director. Andy Masters NU5O also resigned as Assistant Director.

Bill Jones N4NMH resigned as South Carolina Director, replaced by Vice Director Roger Gregory W4RWG. Jim Cantrell WJ4C, who Bill had appointed as Assistant Director only last November, was elected as Vice-Director. (Bill tried to vote in Jim's election, and Roger had to remind him that, as of a few seconds earlier, he lost his vote!)

Nobody resigned from West Virginia, so that state had a net gain with the appointment of Doug Cutlip KC8AJH as Assistant Director.

Two SERA committees will also be chopped. The Frequency Coordination Committee has not been active in at least a year, and the Executive Committee, which was formed to handle urgent SERA business between Board Meetings, is not necessary due to the ease of communicating by e-mail. WV Director Dick Fowler N8FMD recommended that both committees be disbanded. Since both are required by the SERA bylaws, Dick will prepare a bylaws change to eliminate them. Meanwhile, Don Williams appointed Dick as chairman of the Frequency Coordination Committee to satisfy the bylaws. That committee does not do coordinations - it was an advisory committee available to coordinators.

SERA thanks all the outgoing Board members for their service

Coordination - some states busy, some quiet

Most directors reported a slow year in the frequency coordination business, but there were some hot spots.

In southern West Virginia, Alex Hedrick N8FWL coordinated a handful of machines on six and two meters and 70 cm, and *eight* of his own new repeaters on the 220 band (two of those were actually coordinated in neighboring Virginia). Alex received a grant from a local foundation to finance the new machines.

Tim Berry WB4GBI managed to find space for yet another two meter machine in rural eastern Tennessee, and related an amusing story about a complaint letter from a ten meter repeater owner in Puerto Rico who objected to SERA coordinating a machine on the same frequency in Tennessee (there are only four ten meter FM channels for all repeaters worldwide, and they must be shared).

South Carolina had a busy year, with a total of 31 new repeaters coordinated, mostly on UHF. Roger related a problem with an uncoordinated repeater that appeared in North Carolina on a frequency that was coordinated to a new repeater in South Carolina before that repeater could come on the air. A letter from Riley Hollingsworth cleared that problem up quickly. Roger also noted that his team sold 60 SERA memberships at hamfests during the year, 41 of them coming just from the Spartenburg fest.

In Mississippi, Steve Grantham N4DWU prefers to work with hams who apply for coordination to help them get repeaters on the air on frequencies that will work for both the applicant and the rest of the repeater community. But he issued his first ever denial of coordina-

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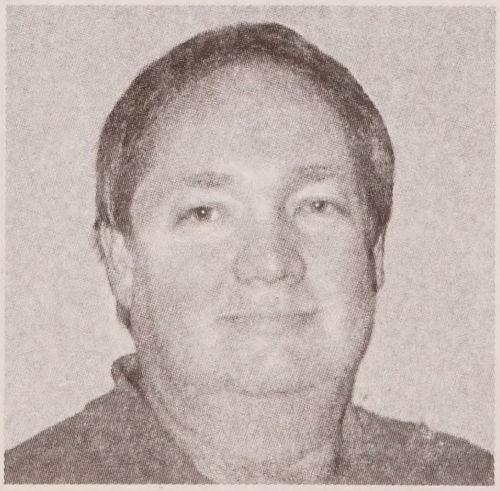

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SERA Members Old and New Say Thanks for 23 Years!

It doesn't seem possible, but a quarter of a century ago, give or take a couple of years, Wayne Williams K4MOB attended a Directors meeting of CVRA (Carolinas Virginia Repeater Association), during which the Journal Editor announced his retirement from the position due to job pressures. Wayne volunteered to take the job on a temporary basis, which I happily accepted. We were all relieved to know that we would continue to have a Journal. (None of us had any idea how long "temporary" would be.)

Since none of us had seen his work, there was some trepidation as to what changes the new Editor would make. It is generally understood that new Editors, though they provide some continuity, also inject some of their own views and philosophies. To my knowledge this was never a problem since he seemed to recognize that the philosophy of the Association and officers had to be supported. And this he did with gusto (although he could argue long and hard to support a worthy cause during a Board meeting!). It was not long until the very small Journal grew in physical size to what it has now been for years.

In addition, he added new sections which were needed for coordination purposes and keeping the membership informed.

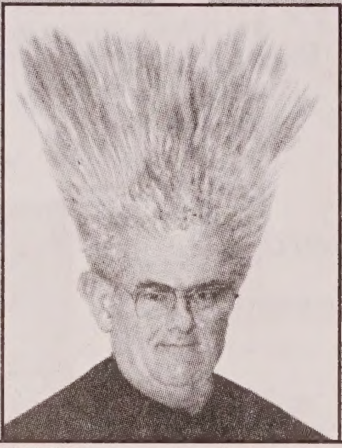
I'm really not sure whether Wayne's hamfest presence did more good for himself or the Association. There was never much question about whether there would be additional members after he attended a hamfest. It was simply a question of how many new members and how many renewals he would bring home. His participation on the board equipped him to answer myriads of questions from prospective members, and provide members with salient points as to the direction the Association was moving. Because of Wayne's persistence and friendly nudging the Association grew and flourished.

Wayne's tenure is quite phenomenal. As you are probably aware, many presidents serve for a single term, while a few, such as Carter Cogle, K4ARO, served for many years. But, Wayne's tenure lasted beyond that of many, many Presidents. I strongly suspect that Wayne s long time presence on the board provided a level of continuity which made SERA an Association of renown.

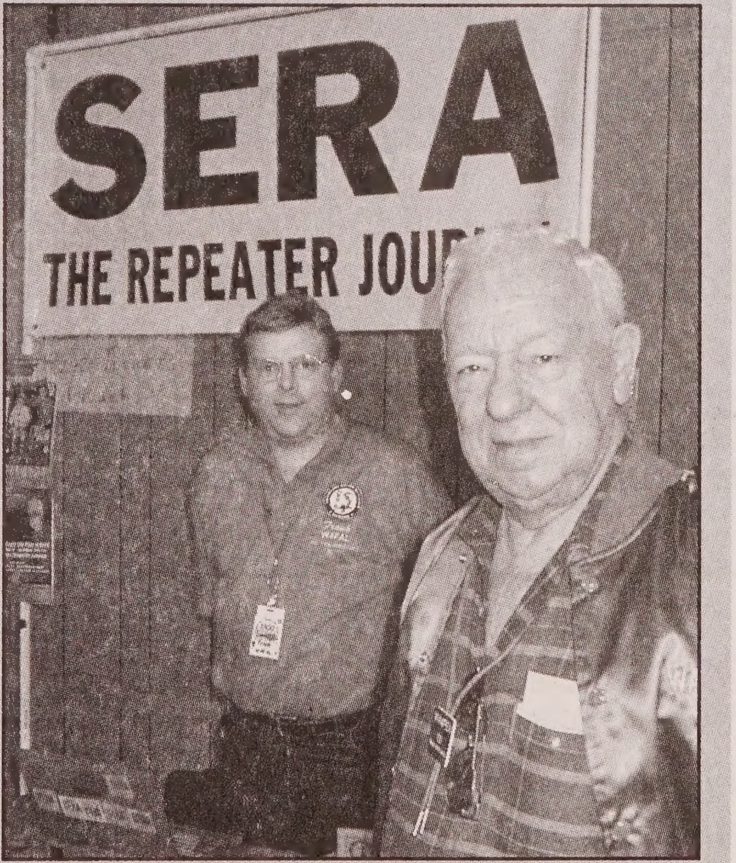
My hat is off to Wayne for his tireless efforts in helping to keep the Association headed in the right direction, and for his willingness to contribute so much of his personal time and effort just for the good of Ham Radio.

I enjoyed working with him then and still cherish his friendship. Thanks again, Wayne!

Ed Alderman WA4PEN, Past President,
CVRA



K4MOB reacts to all the attention he received following his retirement as RJ Editor



Ed Alderman WA4PEN (right), the second President of the CVRA, stopped to talk to Frank W4FAL at the SERA booth at the JARS (Benson, NC) Hamfest

I first joined SERA in 1978 and was a part of the Bluefield group that helped bring the West Virginia District into SERA in 1980. I wrote several articles for the Repeater Journal over the next couple of years, contributing photographs that enhanced the cover on a number of occasions.

I first met you at the Bluefield Hamfest, where Williams Radio Sales very faithfully NEVER missed from the time that I moved it from the Bluefield Youth Center to the Brushfork Armory in 1980 until the time that you "retired" your business. My son Mark and I bought Santec handhelds from you at one hamfest, and many more items over the years.

You have been a good friend for all of those years, particularly after I became a member of the board of directors in 1987. We have had many intense discussions on various topics, and I've enjoyed every minute of it. I consider you a good friend.

Congratulations on your retirement as editor of The Repeater Journal. But I'm particularly happy that you won't be "retiring" completely from SERA. We're all looking forward to working with you in the future.

73,

Don Williams W4VT
SERA President

I want to say that I was one of Wayne's greatest friends, but I will say he was one of our best dealers. I went head to head with Wayne many times over a customer. Some I won, some I lost. I was one of the officers with SERA and many hours were spent developing SERA. No one spent the time or the effort that Wayne did. I saw Wayne at all the major hamfests across the country and enjoyed many trips on the road as we crossed paths. It's a shame that GISMO COMMUNICATIONS did not have the long term success that WILLIAMS RADIO did.

To you Wayne TWO thumbs up for a great job to a great guy. I now live in Honduras and I'm sure some of of you talked with me and I hope in the future to talk to a lot more of you. Good Luck in the future Wayne with what ever you do. I'm sure you will do it well.

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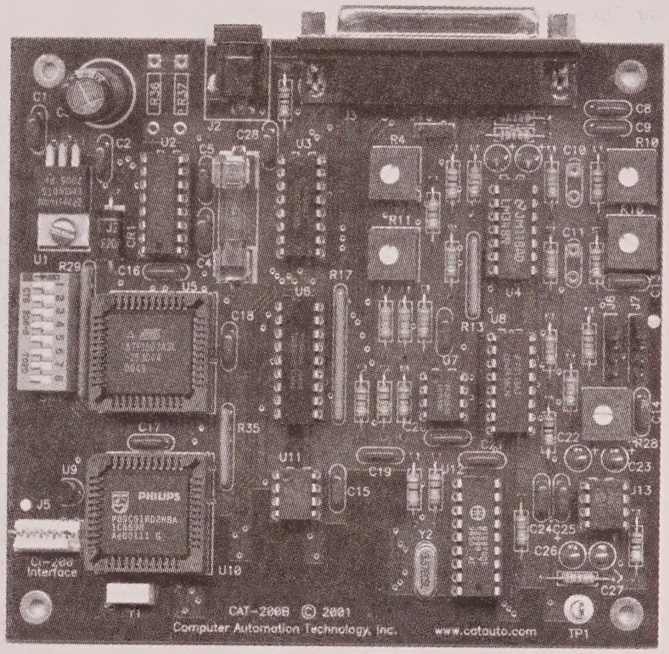

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I read your final editorial with mixed emotions, but I fully realize that sometimes the time comes to pass the responsibility on to others. I have enjoyed our friendship over the years, and hope that we can stay in touch.

I remember the day when I first heard about SERA and the Journal. I was working at one of Appalachian Power company's microwave stations on 3800 ft. Poor Mountain near Roanoke sometime in the 70s. While eating lunch I was checking out 2-meters, and was listening to a QSO that was about the Journal and you. I decided right there that even though I lived in Ohio, I frequently traveled in SERA territory and wanted to be a part of it. So I am....... and have been all these years.

73 de Keith, WQ8H (ex W8SSA)

My first contact with Wayne Williams came back in March of 2000. Ed Frank, then SC News Correspondent, asked me to send in some SC news for the upcoming May, June, July issue of the Journal. When I e-mailed my very short article to Wayne, he e-mailed me back and wanted to know if I planned to write the article *each month*. I told him at that time I was only doing this for Ed who had been sick.

The next thing I knew he was asking me so many questions I thought I was taking a test. As it turned out I was. It was the *Wayne Williams test*. I must have passed because he "hired" me to write the SC news for the SERA Journal.

I found out very quickly that Wayne was a very special person to the organization. I have enjoyed working on the Journal with Wayne and wish him the best.

As the saying goes, "All good things must come to an end." Wayne Williams was a "good thing" to the SERA Repeater Journal.

Roger Gregory-W4RWG
SC Vice Director
SC News Correspondent

When I first became affiliated with SERA Wayne was one of my very first contacts and became my "friend" with the organization. I found him to be a person I could get answers from on almost any aspect of SERA. He has a thorough knowledge of the SERA and has the organization's best interest in mind in all matters.

With my being a newcomer he certainly was very helpful to me in feeling my way around. He continues to answer my questions and I am sure he will as long as I ask.

I hate to see him retire as editor of the Journal, but I know that we all reach milestones in our lives and careers in which we must make tough decisions whether to continue our involvement in things we like to do. I feel that Wayne is just merely taking a breather from just one of the many tasks he performs for the SERA.

In conclusion, I would like to wish Wayne the very best in whatever he does. Many of us will come and go with SERA and will soon be forgotten. Wayne will not be among those who will be forgotten because he has left a legacy within the organization and will be remembered for a long time after the rest of us have moved on to other endeavors.

It has been and is a pleasure to know and work with him.

73,

Terry Jones W4TL
GA Assistant Director

Congratulations to both of you! Wayne for doing a superb job for many years, bringing the Journal to the premier publication that it is. Gary for being just dense enough to let Wayne talk him into doing this. (Well, OK, Gary, since I have seen the kind of organizational work you do and read some of your writing, I'm glad you are willing to take on this job.)

My introduction to SERA was about the summer of 1982, right after I got my ticket. I got a 2-meter HT and learned all sorts of things, one of them being SERA. The Journal and the organization have changed a lot in that time.

So my thanks to you, Wayne, for all the work you have done over the years to make the Journal what it is today.

Bill KE4VT

Wayne - in the short time I've been involved in the SERA organization I've seen quite an output out of one individual for a volunteer position. Its a shame lots of other folks can't do the same and take as much pride in your work as you do... KUDOS again...

Bob K4HA
NC Assistant Director

Although I knew it was coming, I was saddened to read that the current issue of SERA Repeater Journal is your last. But, I can certainly understand. I've plied the journalism trade for 32 years, and I'm still not through. So, I can sure appreciate the lure of walking away, smelling the roses and looking in from the outside for a while.

From those of us down here in the boonies, thanks a million for all you've done over the years; for SERA in general and for the Journal in particular. I know it was a labor of love, and please be assured that it was very much appreciated.

I understand the unacknowledged labors that were involved, but every one of them made our hobby just a little bit better. You've quite literally set the standard for club publications. Thanks for all your great work.

Please let Gary know that we stand ready to help him in Mississippi wherever we can and wish him well in filling some mighty large shoes..

Hank, K5QNE & Melinda, K5QNF

I certainly would like to say “THANKS TO WAYNE” for being there when we needed him to keep everybody informed about the repeater association. I served on the board back when it first started and we had a lot of questions to be answered.

I do know what Wayne went through putting this fine magazine together for 24 years. I published a North Carolina Wing Civil Air Patrol newspaper for 12 years and the Middle East Region newspaper for 16 years. I have been in the printing business for 55 years and still work 2 days a week running a computer setting copy.

Hope Wayne has a good retirement.

Eddie W4NTQ

Thanks for all the extra hard work to help make SERA what it is today!

73

Richard Wright - W4LOC
Director GA Dist SERA, INC.

When I first started in SERA in 1991, one of the first folks I met was Wayne. In the 10 years I have been involved with SERA, I have never found Wayne ever anything but helpful and knowledgeable. Indeed, he has “reminded” me when I messed up, and kept me from messing up worse! All one has to do is look at the past issues of the SERA Journal and see how Wayne's tireless work has made it what it is today, the premier repeater publication in the country.

And the behind the scenes work in the Journal as well as our “point of contact” to the amateur public and database entry for coordinators is invaluable! I sure am glad he's not quitting SERA completely! Well deserved congratulations from someone who has benefited greatly from your knowledge of and service to SERA.

Tim WB4GBI
SERA Tennessee Director

tion to a ham who applied for a total of 7 coordinations, including three on two meters, just outside urban New Orleans. All seven repeaters were to be on a single 120 foot tower. Steve did coordinate that ham's requests for ten and six meters, but denied the two meter and UHF requests.

Georgia was another hot spot, according to Director Rick Wright W4LOC. They totaled 45 coordinations or re-coordinations, and plan to sweep the records and decoordinate unknown and off-the-air repeaters soon. Rick notes that their is still some room for two meter repeaters in southern Georgia, so hams who feel they must have a two meter repeater might consider moving there.

SERA and the FCC

Frank Lynch W4FAL, SERA's FCC Liaison, was unable to attend due to the storm. But during the past year, communication between SERA and FCC Special Council Riley Hollingsworth have been more frequent, with Hollingsworth requesting SERA documentation of the coordination status of several repeaters involved in disputes. Hollingsworth also re-opened a complaint involving repeaters in West Virginia and Kentucky that had been closed earlier this year due to a misunderstanding of SERA's "Unknown Repeater" policy.

Riley had denied a complaint from a group whose repeater was on the "Unknown" list, assuming it was uncoordinated. Frank explained that an "Unknown" repeater was not necessarily uncoordinated, that this particular repeater was still coordinated (and was no longer "unknown", and that SERA had abandoned the "Unknown Repeater" policy as a result of the confusion.

SERA and the NFCC

SERA and the who?

The NFCC is the **National Frequency Coordinators' Council,** a group little known outside of the frequency coordination community. It was formed in 1996 with the goals of providing a single point of contact between the FCC and the Amateur Radio frequency coordinators, providing recognition of and minimum standards for coordinating bodies, and providing arbitration for disputes between repeater owners before the disputes reached the FCC. The NFCC also sponsors a mailing list for coordinators.

SERA Treasurer Johnny Woffard WA4ETE wondered what SERA was getting out of its NFCC membership, a question that might be expanded to wonder if there is a reason for the NFCC to continue to exist.

When the NFCC was formed, repeater coordinators were in a difficult position in relation to the FCC. Part 97 recognized frequency coordination by stating that in a dispute between two repeaters, the uncoordinated repeater had the greater responsibility for resolving the dispute. But the FCC did not recognize specific coordinators. While most areas of the country had long standing coordination groups, some areas did not, some were in dispute, and there was an air of "anyone can be a coordinator" among the more contentious amateurs.

Worse, the FCC made it clear that they did not want to play nanny to the often petty complaints that repeater owners were bringing before it. Coordinators felt that if nothing were done, the result might be a rulemaking that would make things easier on the FCC, but worse for the Amateur repeater community.

That was then, and it's different today. Riley Hollingsworth K4ZDH has resurrected Amateur Radio enforcement at the FCC, and for the past year, repeaters and frequency coordination have been high on his list. He has communicated with frequency coordinating bodies, including SERA, and when a complaint is filed regarding interference between repeaters, his first question to

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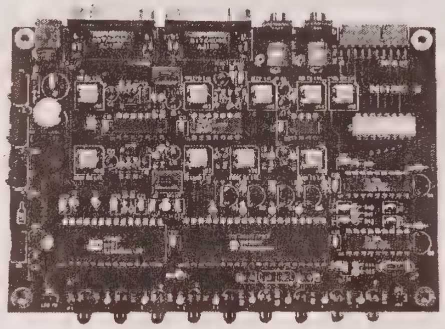

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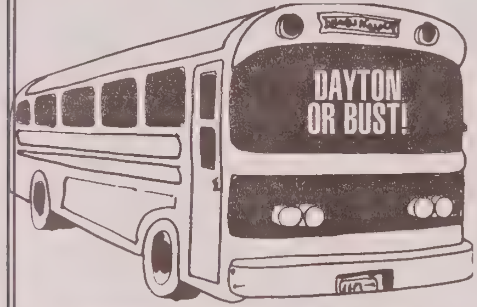
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BOARD MEETING continues

all parties is "are you coordinated? Prove it." He has asked SERA for additional information on several occasions.

And if a repeater involved in a complaint is not coordinated, Riley tells them to solve the problem. Sometimes that means going back to the coordinator to find a frequency that will work better. Sometimes it means going off the air.

In other words, Hollingsworth has put teeth into the simple rule about the uncoordinated repeater bearing the burden of solving the problem, and he's dealing directly with coordinators and individual hams. That took the wind out of the NFCC's sails for single point of contact, dispute arbitration, and fear of a rulemaking. At least for now.

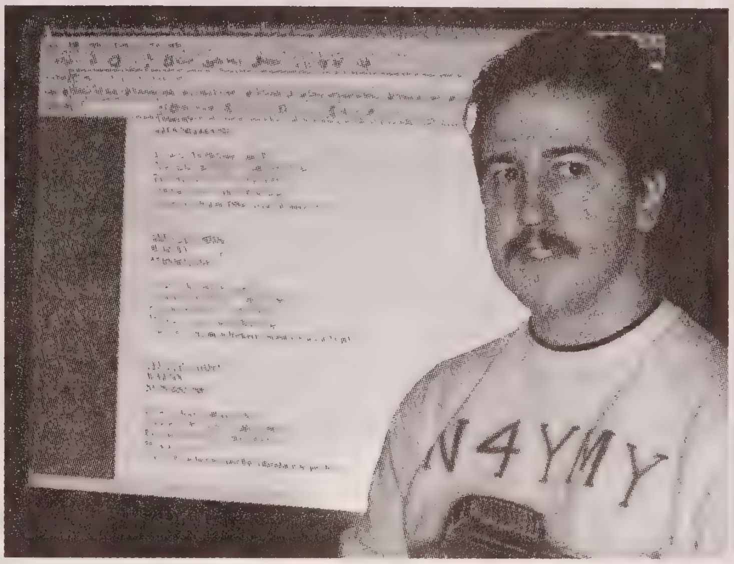
What's left? That's what SERA will be asking the NFCC leadership. The NFCC did negotiate with the ARRL to provide payment for the data that makes up the *ARRL Repeater Directory*. SERA received a substantial payment for that data. And they still provide a mailing list that allows coordinators to discuss and debate issues of frequency coordination.

But the NFCC's own web site (www.arrl.org/nfcc) shows no initiatives on the table except internal organizational matters. There may yet be value in the NFCC, and SERA wants to know what it is.

Database Upgrade Coming

Two fairly recent additions to the SERA Board, Georgia Vice Director Jeff Benjamin W4KMB and Virginia Assistant Director Jay Campbell N4YMY have been looking into ways to enhance the SERA repeater and membership database. For years, David Ward W4WDW has maintained the original database, developed in COBOL before "PC" databases became popular.

Over the past year, Jay has experimented with a modern, professional database (available for free), that would allow more web based, interactive functionality for SERA coordinators. He demonstrated some of the capability he's developed before the Board members, who peppered him with questions and suggestions. Jeff's contribution will be to make the database resident on coordinator's computers so they will have the data available when they're not connected to the internet (at a hamfest, for example).



Jay Campbell N4YMY demonstrates his prototype database

900 MHz Band Plan

SERA's 900 MHz Band Plan was scheduled for discussion, but again it was a Frank Lynch project, and Frank was absent. The Board briefly discussed a proposal Frank had made in e-mail outlining the difficulty that SERA's current 12 MHz offset imposed on much of the equipment available for the band.

There is no equipment manufactured specifically for Amateur Radio on 900 MHz, and much of the commercial equip-

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BOARD MEETING concludes

ment that can be converted to Amateur use won't do a 12 MHz offset. They will take a 24 or 25 MHz offset, and Frank noted that other areas of the country have adopted that band plan.

There are a handful of 900 MHz machines on the air in the SERA states, and while most are compliant with the band plan as it stands, one new machine has been put on the air in the Atlanta area that uses a 25 MHz offset. That repeater is not yet coordinated.

The Board will continue the 900 MHz discussion on e-mail, and will try to reach a decision before the summer board meeting.

On-Line SERA Payment

The Board discussed the issue of using PayPal to make it easier for members to join or pay SERA dues on-line. For a while, SERA accepted PayPal payments, but that offer was removed from the web site a while ago. The problem is that PayPal is expensive for SERA, taking nearly a dollar from each $20 Full Membership, and more than 50 cents from each $8 Associate Membership. Merchants are used to absorbing this charge hidden in every credit card transaction (or including it in the price of their product or service, whether the buyer pays by cash or credit).

SERA wants to make it convenient for members to pay on-line, and will continue to investigate alternatives.

Repeater Journal Future

Incoming Editor Gary Pearce KN4AQ asked the board for its feelings on the future of the *Journal*. The *Journal* is in a somewhat awkward position. As the "Voice of SERA" it is a house organ responsible for communicating SERA's views to its members. But like the ARRL and *QST,* the *Journal* also attempts to present news and feature articles to its readership.

Gary suggested putting news of SERA activities deeper into the mix of other news, not necessarily always first, unless the SERA activity is that newsworthy. He also suggested opening the *Journal* up to more balanced coverage of potentially controversial subjects (like disputes in repeater coordination). He noted that the *Journal* is not an independent publication, and that there is *no* independent publication covering SERA territory. But if there *were* an independent magazine, SERA would be subject to considerably more scrutiny. SERA can afford to shed daylight on its own action through the *Journal*, for the benefit of the membership.

The board agreed, while the Editor reminds readers that the *Repeater Journal* is still the Official Voice of SERA, Inc. , and will continue to observe its primary mission of speaking for the orgainzation. •

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ON THE COVER

Wayne Williams K4MOB reviews negatives for the November 2001 ***Repeater Journal*** with Gary Pearce KN4AQ, in preparation for Gary taking over the job of Editor. The inset shows the plaque awarded to Wayne by SERA President Don Williams W4VT.

West Virginia Repeater Network Assists Cave Rescue

Ralph Brigham KG4CSQ

I would like to express the appreciation of the ER-NCRC (Eastern Region of the National Cave Rescue Commission) for the ability to utilize the Hamtalk Net linked repeater system during the Labor Day weekend.

Late Saturday night, during the ER-NCRC annual party near Dailey WV, we learned that two separate groups of cavers were experiencing difficulties in two of the area caves. Both sites were in Pocahontas County, West Virginia. Within about 45 minutes we dispatched 29 rescue personnel to assist these groups.

The activity near Cass Mountain required the use of the Spruce Knob repeater and the Kelly Mountain (Elkins) repeater of the Hamtalk Network to coordinate resources.

Approximately 2130, we got a notice from the local authorities that there was a party of people in trouble in a vertical cave in the neighboring county and that the local rescue unit had requested assistance from the area cave rescue personnel.

As preparations were being made to respond to this incident, we were notified of a *second* situation at another cave in the same county. This notification came from a party member who had exited the cave and gotten to a phone and contacted the party site directly for assistance.

At this second cave, a group of cavers that had gotten tired and confused and had requested assistance in finding the route to one of the alternate exits. The response was to send a fairly small group of personnel to this cave to guide the remaining party members out of the cave. This was accomplished with a minimum of difficulty after the rest of the group was located in the cave. The communications were provided by N3TRJ for this operation back to central command.

Meanwhile, the situation at the first cave was much more interesting. We were to find out that the party of people involved were not cavers at all, but a group of rock-climbers that thought that a vertical cave was like a cliff face. After they had gotten to the bottom of the pit, their plan had been to share a single set of climbing gear to climb back out.

As the first member finished climbing out of the pit, the climbing harness was packaged and thrown (yes, thrown) back down the pit to the group of three people waiting below. The inevitable happened (Murphy), and the pack of climbing gear was lost into a crevice.

This climber who had climbed out went to call for help from the local authorities, who, after arriving at the scene, determined that this problem was beyond their capability. They requested that the cave rescue group in the next county be notified. In response, a party of about 20+ people and vertical equipment was sent to the scene.

The communicators with this group were KC8SAB, N3SDQ, W8SRM, and KC8JZC. The personnel at Command Base were assisted by KB3GZA, KC8OWX, and KG4CSQ.

Shortly after arriving at the cave, a piece of line was rigged and used to send rescue personnel down to check on the condition of the stranded people. It was determined that it would be best to haul the three stranded members out to save time and resources.

We wrapped up the incidents about 0800 on Sunday morning with all groups safely out of the caves.

The primary function of the hams in these situations was to provide communications from the incident sites back to command base. For communications from the outside of the cave to the interior locations, cave rescue groups have found that military field phones are the best means of voice commo. But outside the cave, previous situations have depended on have information being relayed from the sites by the public safety agency communications, and their dispatchers then called our command base. This time we had direct contact between the sites and the leadership to reduce confusion and miscommunication.

The fact that the Hamtalk repeaters were linked was a prime reason for the they were used. The parties at the base camp and the vertical pit were able to converse and exchange information in real-time rather than waiting for relays between the dispatchers and the agency units.

The Hamtalk net is a set of 10 linked repeaters (8 VHF and 2 UHF) that have coverage in West Virginia and portions of Virginia. These repeaters all have the same access tone 103.5 Hz .

444.400	Madison, VA	N8HON
147.315	Belpre, OH	W8JL
147.075	Morgantown, WV	KE8MR
145.130	Glenville, WV	KB8EUN
146.685	Clarksburg, WV	N8FMD
147.135	Davis, WV	KE8MR
147.285	Spruce Knob, WV	N8HON
145.270	Powell Mt, WV	N8FMD
444.125	Keyser, WV	N8RCG
145.230	Elkins, WV	W8JG

This is the first time that ER-NCRC has had sufficient Amateur Radio operator members to be able to provide our own communications without having to request assistance from the rest of the Ham community; but the fact that the members of the Hamtalk net were available as backup was a good feeling.

Hams have been used as a very important part of the communications portion of Cave Rescue for many years. We realize that they are a very valuable asset in that they can communicate great distances, and enable us to allow medical personnel underground with a patient to be able to talk almost directly with a doctor in a hospital regarding the treatment of an injury.

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Atlanta Ham Lost in the Woods!

A Hunting I Went - an APRS Story (Part One)

David P. Schornak KG4LSK

This story is reprinted from the ***Atlanta Ham***

I am big on A.P.R.S. (Amateur Position Reporting System), as most know from my presentation at the club meeting. I wanted to use it while I was hunting to let everyone here at home know that I was safe, and as a method to contact people if I should need help. Well, I got my chance to test A.P.R.S. in the real world.

I left to go hunting on November 16, 2001. My scheduled return date was to be November 27, with a possibility that I might stay longer. Well I did, and came home for a day on November 29. I went back out the following day and came home to stay on December 5, 2001. The hunting trip was fun and the prey stayed concealed, so I came home without success in the hunting part of the trip. However, I had a lot fun with the A.P.R.S. part of my trip. For equipment I took the following:

Kenwood TM-D700
Kenwood TH-D7g HT
Delorme Tripmate GPS (2)
Extra batteries and other necessities

The D700 is the mobile rig that I use in my jeep for day to day driving, and one of the Tripmates was connected to this rig, as it would be used on the trip as a digi repeater. The D7g with the other Tripmate went wherever I did on the trip through the woods. I ran it off the cigar lighter on my ATV (no, just the jack is there the - lighter was extra). I would not be out of sight of my ATV when I was in the woods so this seemed like a reasonable thing to do. For long periods of time off the ATV, I would take the radio and Tripmate with me to the stand.

With this equipment in my hands, I would send messages to my home station where a friend of mine would come by on a daily basis and check to see if the messages where received and that I was alright.

Well, the equipment was in place and all worked well for the first few days. It was when I tried to use less equipment that the problems occurred and, thus the reason for this story.

Every morning I would turn on the D700 in the jeep then fire up my ATV and head to the woods. I was getting status reports (automated transmissions) from friends here in Atlanta such as KD4BKU, KF4ZYN-9, N4OUT, and others, and I sent messages to them. However, I did not get a message back and figured that was due to the fact that they were busy.

I also got the status reports from my home station here in Alpharetta. I sent messages to my home station, and these were received since my system sent an ack (automated acknowledgement) back to me. My friend found my messages on my computer and read them and knew that I was fine.

Well, wanting to experiment I tried leaving the D700 off. I still got the status reports so I thought I was fine. (Okay, I know now what I get for thinking.)

Tuesday was the day I was due back. My friend knew that Monday and Tuesday of the week of the November 26 I would be alone, so she knew she had to check on those days in particular. Monday was fine, as I left the D700 on that day. On Tuesday, I did not turn the D700 on as I was running late and just did not take the time to turn it on (30 yard walk from my trailer and ATV to the jeep to turn it on), so I left for the woods,
to the stand and proceeded to hunt.

I turned the D7g and the Tripmate "c
as I was sitting in the stand waiting
the deer to come by (no deer). Sent
message to my home station to tell
friend that a couple of hunting club me
bers had shown up and I was going
stay on till Thursday morning with the
I also sent a status report that I was fi

Well I turned off the radio thinki
that the message would get through a
all would be fine. I never turned the D
back on that day. Hunted all day a
came back to camp, ate dinner and we
to bed....

***See if David survives the nig
Part Two will be continued in the ne
issue of the Journal!***

Anti-Virus Tip

It has been estimated that 1 in 3
emails contains a virus. Most of thes
viruses spread by automatically sen
ing themselves to each of the contac
in the MS Outlook Address Book - th
worst sort of chain letter. Who amon
us doesn't know someone who ha
experienced the embarrassment
unknowingly spreading a comput
virus via their email address book?

Well, if you want to avoid this so
of thing, here's a great tip: create a co
tact in your email address book wi
the name 000 (zeros) with *no* ema
address in the details. This contact wi
then show up as your first contact. If
virus attempts to do a "send all"
your contact list, your PC will put up a
error message saying that:

> The Message could not be sent. One or more recipients do not have an e-mail address. Please check your Address Book and make sure all the recipients have a valid email address.

You click on OK and the offendi
(virus) message would not have bee
sent to anyone. Of course no chang
have been made to your original co
tacts list. The offending (virus) me
sage may then be automatically store
in your "Drafts" or "Outbox" folder. G
in there and delete the offending me
sage. The problem is solved and th
virus is not spread.

This tip won't prevent *you* from ge
ting any viruses (you have to sca
those attachments yourself befo
opening them to do that), but it ma
stop those viruses from latching on
your address book and sending the
selves out to others. And it will let yo
know you have one.

From the November ***Airwaves*** *Journal of the Mansfield (Ohio) Amateur Service Emergency Repeaters.*

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Nextel Proposes Major 800 MHz Realignment

It seemed like a good idea at the time. But now, because of the way the 800 MHz band was divided between cellular, business and public safety radio services, there is a serious interference problem. It's the public safety people who are complaining the loudest, and one of the big business licensees has proposed a solution.

When the FCC created the 800 MHz band out of former TV channels 70 thru 83, it set aside one block of spectrum for cellular telephone (869-894 MHz), and another block for a mix of users, including both public safety and business users (851-869 MHz). Unlike the 450 Mhz band, where public safety and business users each have a separate chunk of spectrum, at 800 MHz they got lumped together with adjacent channels alternating between business and public safety use.

And why not? The radio systems don't care whether you're dispatching a fire truck or a taxi, do they? You follow rules of geographic separation for adjacent channel use and co-channel re-use, and everything should be dandy.

And then the technology changed. Initially, everyone put up a few big analog repeater systems on tall towers, whether they were conventional repeaters or part of trunked systems. But over time, the business licensees (one of them in particular) began building digital systems that resembled the cellular phone model more than the "tall tower" repeater system model. They put up lots of smaller trunked repeater "base stations," re-using channels over smaller geographic areas.

That allowed them to squeeze many more users on the limited number of channels available. But it's had an unintended consequence as well, at least in the nations biggest cities where the radio systems are most densely packed. Now, when a police officer tries to use her handheld radio near one of these many "local" towers, she has a much greater chance of getting interference, and may not be able to communicate at all. It might be front-end overload, or more likely, noise and intermod products resulting from the many transmitters all on the air at once at the nearly "local" repeater site.

Figuring out and solving problems on a site-by-site basis is difficult and expensive. So one of the nations largest business licensees, Nextel Communications, Inc., has proposed a solution. They would reshuffle the deck at 800 MHz, and put all the public safety users in one part of the band (and double their spectrum allocation in the process), and put their cellular-style mushrooms in another part of the band. And Nextel has volunteered to pay for part of the cost, up to $500 million, though they want other business and cellular systems to pony up, too. The "funding arm" of the public safety licensees (aka the taxpayers) would get a free ride.

What Nextel gets out if the deal is headache relief from not having to attempt a site-by-site solution. That, and "a 10 MHz contiguous block from the reserve Mobile Satellite Service ("MSS") spectrum at 2.1 GHz, reallocated for terrestrial CMRS service and licensed to Nextel on a nationwide basis." The quote comes from Nextel's "White Paper" proposal. It wouldn't be 10 MHz of new spectrum for Nextel, just 10 MHz in another place. The total reshuffling would actually be a net loss for Nextel of a few hundred kHz.

Just putting the ducks in straighter lines wouldn't guarantee that intermod would be eliminated (hams know that intermod can come from *way* out of your assigned spectrum). But it would permit "step 2," the use of selective bandpass filters in both transmitter sites and receivers to reduce noise and intermod.

Engineers who understand the technology says that the digital system that Nextel uses should never have been mixed in the same spectrum with the more conventional radios. They say that it does provide useful features for the user community, but the interference was predictable. Giving each technology its own slice of spectrum is the solution.

The proposal, released last November, is at the FCC awaiting action. It has received some support from the public safety segment (as long as they are assured they will have to bear *no* expense), and some criticism from others who had their eye on that 2.1 GHz territory and feel it should be auctioned. Smaller business radio system operators are also afraid they'll be left with the expense of moving and "retuning," when, they say, their systems have never been part of the problem. And some estimate that $500 Million won't begin to cover the cost of moving all the public safety users. •

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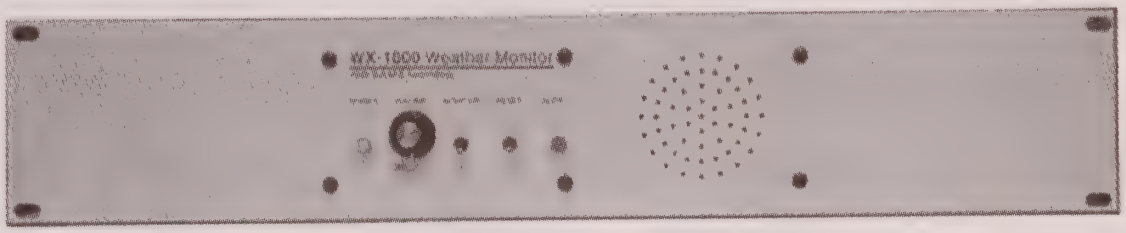

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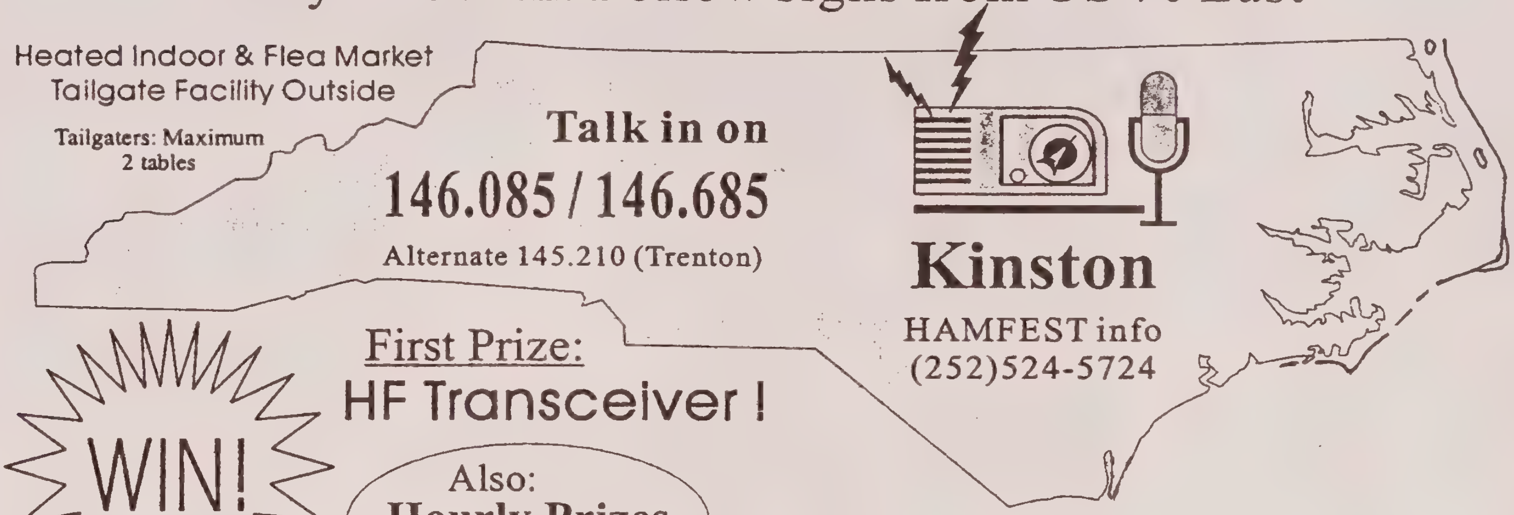

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Check www.rars.org/hamfest for updates

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TENNESSEE

REPORTED BY
BOB GAULT KD4NEC
221 CEDARWOOD TRAIL
CLEVELAND, TN 37312
KD4NEC@SERA.ORG

The **East Tennessee Contesters N4IR** posted impressive numbers in the ARRL 2001 Field Day competition. With only five participants, they finished in the elite top ten in the nation with 15,100 total points. With numbers like that, it sounds like they know what they're doing! The **Dickson County Amateur Radio Club**_reports over 10,000 points from 15 participants and 1,227 contacts. With over six thousand points, **McMinn County's Amateur Radio Club** claims third place in the Volunteer state. Thirty-eight scores were posted from Tennessee clubs and individuals.

WELCOME
CLEVELAND AMATEUR
RADIO CLUB
146.925
147.105

*The **Cleveland Amateur Radio Club** has placed signs to welcome visitors on four busy highways leading into the city. They got the idea from a sign a club member spotted while on vacation in Florida. The club hopes to place signs in other prominent spots this year.*

John Pless KG4BOD, who enjoys working six meters, tells me the band has been pretty active lately. John and I had a chance to chat during a Christmas dinner for the Bradley County Sheriffs Department. Captain Chip Bryant WB4MKL, who handles the department's public information office, extended our invitations. By the way, for those near Chattanooga, you can catch John on WTVC, Channel 9, where he works as an anchor and reporter.

The **Middle Tennessee Amateur Radio Society**__had a busy December, providing communications at the Tullahoma Christmas parade. They also held a club Christmas dinner, participated in Skywarn Recognition Day, and had a showing in the ten meter contest. If you need to know more about MTARS, you can find it on their web page. It is updated frequently and features photos of club activities.

The **Cherokee Trails International Rally**, an auto racing event which runs annually in the Cherokee National Forest and draws competitors from around the world, will be held on Saturday, March 16th, 2002. With cars traveling at speeds over 120 MPH on winding forest roads, reliable communications are crucial, and amateur radio fills that need. Some hams will also be needed on Friday, the 15th, for the press stage which will be held in Chattanooga.

This event is an excellent opportunity to test your preparedness for communicating in emergency situations, as hams in the field will be in rugged terrain and may be in position for hours at a time. If you are interested in volunteering, please contact the Chief of Communications, Matthew Sadler KF4LHP, at *mws@kf4lhp.net*.

In what is likely one of the tightest contests ever, Terry Cox KB4KA edged out David Bower K4PZT, in the ARRL Tennessee Section Leader election. Cox, who hails from West Tennessee, succeeded O.D. Keaton WA4GLS, on January 1st after a *two-vote victory* over Knoxville's Bower. To ensure accuracy, the 1,078 ballots were counted four times. Good thing punch card ballots weren't used! (Remember chads?)

Both candidates have been very active in amateur radio is their communities (David is the *Nostalgic Wavelengths* columnist here in the ***Repeater Journal***). Last year the new section manager held the office of vice president of the **Delta Amateur Radio Club** in Memphis.

Cabinet appointments by Cox as of this writing are: Assistant Section Manager - West Ken Gregg K4DIT; Emergency Coordinator - Sheila Tallent KB4G; Traffic Manager - Tim Walker KR4TT; Technical Coordinator - James Butler KB4LJV; State Government Liaison - Dwayne Byrd KC4POI; and Official Observer Coordinator - Mike Boyea KE4KMG.

Cox, who will hold office for two years, will also serve as Affiliated Club Coordinator. Appointments remaining are Assistant Section Managers for Central and East Tennessee, Public Information Coordinator, and Bulletin Manager. The latest information is being posted to *www.tnarrl.org*, the new Tennessee ARRL page. As this issue of the ***Journal*** went to press, he was in the process of making key appointments.

As I'm preparing this article, Harold Waldron WX4HW, of the Morristown National Weather Service office, e-mailed a copy of their new winter storms pamphlet which will be available soon in distribution statewide. While most spotters are accustomed to reporting severe weather conditions, don't overlook reporting snowfall or other frozen precipitation within N-W-S guidelines. What to report and what not to report is listed in the latest ***Appalachian Spotter*** newsletter that can be viewed on line at Morristown's homepage.

The **WD4OAR repeater** on 442.925 in Chattanooga has been streaming audio from the Denver reflector of the **Internet Radio Linking Project (IRLP).** Audio quality is excellent. If you're within range of the repeater, tune in for some exciting listening.

Their first issue of **The Paddle**, an official club publication, carries a feature article on donations to the U.S. Marine Corps " Toys for Tots" campaign, which was in conjunction with the club's Christmas dinner. Their efforts helped a number of less fortunate children have a Merry Christmas._

Also, the club hopes to sponsor a six meter repeater they hope to co-locate with their 440 machine.

My last ***Journal*** article included information on a linked UHF repeater system serving as the backbone of Skywarn communications for the Nashville weather service office. The **Middle Tennessee Amateur Radio Society's** linked system covers 80 percent of the county warning area serviced by the Nashville office. Repeaters comprising the system feed into a hub repeater on 443.725 in Nashville. The spokes in the system include 442.225 McEwen; 443.975 Fairview; 444.450 Gallatin; 442.725 Mt. Pleasant; 442.100 Lewisburg; 444.650 Woodbury; and 444.600 in Cookeville. Their website has a map including future additions to the system at *www.mtsh.org*.

Till next issue, keep the e-mails and information coming. •

EDITORIAL

continued from page 1

softer approach to "voluntary" compliance with the band plan. But I digress.

From then on, I knew who Wayne was. Not long after that, I was invited to a SERA Board Meeting near Knoxville to represent North Carolina packet operators. At the time, the packet groups were a little bent out of shape with SERA because they perceived that SERA was unilaterally drawing up band plans that covered more than just the FM/Repeaters they represented. It could have been an adversarial relationship, but Wayne and the rest of the SERA board bent over backwards to make me feel welcome. That episode concluded with SERA offering to add packet representation to the board, and coming up with band plan revisions that were very generous to packet. The packet groups never really gelled after that, so nothing came of SERA's offer. But I digress again.

The ***Repeater Journal*** continued to impress me. Consider that ***CQ VHF*** didn't make it. ***QST*** dropped their *FM/Repeater* column. Nobody else has made a go of a magazine, or even a regular column, devoted to FM and Repeaters, the most popular segment of the Amateur Radio universe. But the ***Journal's*** been going for almost 30 years. One thing I missed, though, was how long Wayne had been editor. Not that he didn't make references to it... often! Like I said, I skimmed.

In 1998, Wayne asked if I'd write a regular column for beginners, with the first one being an "Operating Guide to FM and Repeaters" that I'd already written and put on the Raleigh ARS web site. I said "sure," figuring that this first long story would fill at least four issues, and I wouldn't have to do anything new for a year. When the February '99 issue came out, I saw that Wayne had squeezed the whole thing into one issue, and I'd have to get creative right away.

The next year, I began editing the RARS club newsletter, something I figured I'd be doing for a good long time. But Wayne soon had other plans. As you've read over the past year, Wayne was feeling mortal after a bout with cancer. As much as he hated to do it, he knew he needed to find someone to take over the ***Journal.***

This was an unbelievably hard thing for him to do. The ***Journal*** has been Wayne's baby. Yes, he's had a lot of help from some great writers and some of the other SERA staffers, and he wasn't the first Editor. But the ***Journal,*** the way you see it now, is Wayne's creation. Last issue he described the process, but I don't know if he made it personal enough. His heart and soul are in the pages of over 23 years worth of issues. It was an incredible commitment of energy, time, and creativity. I'm assuming you know it was a labor of love - Wayne didn't get paid a dime (neither will I).

So in 2000 he began buttering me up, telling me how great the ***RARS Exciter*** was. Then he got to the point about taking over the ***Journal.*** I thought about it a good, long while before I accepted.

The fact is there's no way I can fill Wayne's shoes. I think I can edit the ***Journal***, and given time, I can begin to make some of the contacts with people that he's built up over the years. But Wayne has been much more than the editor. From this position he has pushed and prodded SERA, its directors and their assistants, to keep up a high level of accomplishment. To set the standard for frequency coordination. To make our corner of Amateur Radio more than just a little bit better, more interesting and more fun.

We are fortunate that Wayne is not leaving. In the future he might not be as visible as he's been, but he'll still be working in the background. I know I'll need him for some time to come. Sure, the Journal will change. That's why he "hired" me. Over the past year, he's tried hard to show me what it takes to bring this magazine together. And I'm coping, I think, with the mechanical part. In time, they'll call it mine. But I'll know I didn't build it from a 'base.' I'll have added to a mountain.

I'll need your help to do it. This is the first of many times that you'll hear me ask you to look around and see what's going on in ham radio in your area, and write it up for the Journal. Especially those of you with a flare for writing. You newsletter editors have a target on your back.

Our "first line of defense" in the Journal are our State News Correspondents. If you're not seeing news from your club in their column, it's because nobody's telling them about what you're doing. And once in a while your club will do something that should go beyond a paragraph in the correspondent's roundup and become a feature article. But that won't happen unless you tell us about it! That's the nice thing about the Journal - it's big enough, and reaches enough hams, to make it worth the effort to write a good article, and it's local enough that that article is likely to be published.

Well, I can't promise I'll give you 23 years of Repeater Journals. Wayne should have picked someone a bit younger if that were the goal. Besides, in 23 more years, magazines will be obsolete. Probably so will Repeaters and FM. But then Wayne might have made that prediction 23 years ago, if he'd thought of it. Still, I plan to be here a while.

Well, it's time to move on with the rest of this month's issue. And while many others will be thanking Wayne for 23 years of the Journal, I'm in the unique position of being able to say thank you for handing it to me. I'll try hard not to let you down.

Gary Pearce KN4AQ, Editor

The Shriners of the Kerbela Amateur Radio Service Proudly Present the

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At The Kerbela Shrine Temple

KNOXVILLE, TN

SAT. MARCH 2, 2002

8:00 Am until ?? (Not later than 4:00 PM)

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Indoor Vendor Tables - $8.00

(Plus $5 admission ticket)

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THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. Our index codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770	145.790		
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

Hi Speed Digital Chan. - 222.350 to 222.450 (222.400 Center) - (100 KHz wide)
Hi Speed Digital Chan. - 223.800 to 223.900 (223.850 Center) - (100 KHz wide)

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of Jan. 18, 2002

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		
DALTON	N4BZJ	29.680	-		☺
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	-	T103.5	
WARNER ROBINS	WR4MG	29.660	-	T141.3	

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T118.8	
ATLANTA	KA5WZY	53.150	-	PROP	
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	
BOLINGBROKE	KR4OL	53.430	-		
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
CONYERS	WB4JEH	53.550	-	T151.4	☺
#CONYERS	WB4JEH	51.550	+	UNCOR	☺
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	☺
DALTON	N4BZJ	53.130	-		☺
DECATUR	KA4UFM	53.390	-	T	☺
HIAWASSEE	KC4CBQ	53.270	-	186.2	☺
IVEY/MACON	K4YC	53.730	-	T88.5	
KINGSLAND	KC5BMJ	51.940	-	T82.5	☺
LAKE PARK	KB0Y	53.890	-	T141.3	
LAWRENCEVILLE	W4GR	53.110	-	82.5	☺
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
#PINE LOG MT	KD4APP	53.450	-	UNCOR	
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	
#ROSWELL	WA4YNZ	53.010	-	UNCOR	☺
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-		☺
#ALBANY	W4MM	146.700	-	UNCOR	☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-		☺
ALLENHURST	KF4ZUR	147.270	+	162.2	☺
AMERICUS	W4VIR	147.270	+		
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	WA4UPE	146.625	-	100.0	
ATLANTA	W4AQL	145.150	-	167.9	
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		☺
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	☺
ATLANTA	WA4NNO	147.000	-		
ATLANTA	WB6RTH	147.105	+	107.2	☺
ATLANTA	K4JPD	147.195	+	T	
ATLANTA	KA5WZY	147.285	+		
ATLANTA/AIRPORT	W4REI	147.030	+		☺
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655	-	T118.8	
ATLANTA/MARIETTA	N4NEQ	147.345	+	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	☺
AUGUSTA	N4BMA	147.180	+		
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BGMRC/NEWMAN	K4SEX	145.130	-		☺
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	KE4RQT	146.955	-	T100.0	
BOGART	W4EEE	147.000	+	T	☺
BONAIRE	KD4HMH	145.470	-		
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CARTERSVILLE	N4GIS	147.015	-	100.0	☺
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W3LAP	147.330	+	T77.0	
COLBERT	N4ALE	147.300	+		☺
COLUMBUS	W4FIZ	145.310	-		☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-		
CONYERS	WB4JEH	145.230	-	T151.4	☺
CONYERS	WB4JEH	146.610	-	T151.4	☺
CONYERS	KF4GHF	147.210	+	T162.2	☺
CORDELE	WR4SG	145.230	-	PROP	
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
COVINGTON	KF4GHF	147.270	+	T162.2	☺
CUMMING	WB4GQX	147.150	+		
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	W4RPO	146.850	-		
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		☺
DALTON	N4BZJ	147.135	+	T118.8	☺
DECATUR	W4BOC	145.450	-		☺
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	PROP	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	☺
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M.	KC4ZGN	146.985	-	T77.0	☺
EMERSON	AE4JO	147.240	+	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210	-	131.8	
FAYETTEVILLE	K4KZY	146.685	-	PROP	
FOLKSTON	KD4GEY	146.790	-		
FORSYTH	W4STJ	147.315	+	88.5	☺
GAINESVILLE	W4ABP	146.670	-	T131.8	☺
GRIFFIN	K4HYB	145.390	-	T88.5	
GRIFFIN	K4HYB	146.910	-		
HARTWELL	N4VNI	146.895	-	T100.0	
HAWKINSVILLE	WR4MG	146.895	-	PROP	
HINESVILLE	KF4UM	147.015	+		☺
IRWINTON	WB4NFG	147.240	+	T77.0	
IVEY	K4YC	145.250	-	T	
IVEY/MACON	K4YC	145.150	-	77.0	
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-		
JASPER	KC4AQS	146.805	+	T100.0	
JESUP	WA4EQL	145.190	-		☺
JESUP	WA9RNZ	145.430	-		☺
JESUP	N4ZON	146.865	-	T123.0	☺
JESUP	N4PJR	146.925	-		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

JESUP/SCREVEN	N4PJR	147.345	+		☺
JONESBORO	WA4DIW	145.170	-		☺
JONESBORO	WA4OGE	145.330	-		
KIBBEE	K4HVK	146.820	-	T	☺
KINGSLAND	KC4WWU	147.285	+	T118.8	☺
LAFAYETTE	KB4VAK	147.375	+	T77.0	
LAGRANGE	KD4BWK	146.700	-	T141.3	☺
LAGRANGE	WB4BXO	147.330	+		
LAKE PARK	WR4SG	147.135	+	T141.3	
LAVONIA	K4NVG	146.715	-	T100.0	☺
LAWRENCEVILLE	W4GR	147.075	+	82.5	☺
#LINCOLNTON	KT4N	147.120	+	UNCOR	
LOOKOUT MT	W4GTA	145.350	-	T100.0	☺
LOOKOUT MT.	W4RRG	146.760	-	T67.0	☺
MACON	W4BKM	145.370	-		
MACON	AA4RI	145.430	-		☺
MACON	WR4DH	146.730	-	T100.0	☺
MACON	K4PDQ	146.805	-	T77.0	☺
MACON	N3SM	146.895	-	T123.0	
MACON	WA4DDI	147.060	+	T	☺
#MACON	KF4XH	147.165	+	UNCOR	
MADISON	WB4DKY	146.865	-	T179.9	☺
MARIETTA	W4LMA	145.490	-	88.5	☺
MARIETTA	N4NEQ	146.775	-	T118.8	
MARIETTA/ATLANTA	W4BTI	146.880	-	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700	-	T67.0	
MILLEDGEVILLE	K4GK	147.135	+	T123.0	☺
MORGANTON	N4NEQ	147.165	+	T151.4	
MOULTRIE	WD4KOW	146.790	-		☺
NASHVILLE	KB4JF	145.310	-	T141.3	
NEWNAN	K4SEX	146.790	-		☺
OCILLA	KD4MFS	145.350	-		
PEMBROKE	KF4DG	147.105	+		
PEMBROKE	W4CJB	147.390	+		
PERRY	WR4MG	145.290	-	T107.2	
PERRY	WR4MG	146.955	-	107.2	
PINE MT/HAMILTON	WB4ULJ	145.190	-		
QUITMAN	WA4NKL	146.880	-		☺
RICEBORO	KF4UM	145.470	-		☺
RINGGOLD	W4ABZ	146.715	-	T67.0	
ROME	WB4YSV	147.300	+		
ROME/MT. ALTO	W4VO	146.940	-	88.5	☺
ROSWELL	N4CLA	147.060	+		
SANDERSVILLE	KT4X	145.270	-	T77.0	☺
SAVANNAH	K4NLX	146.700	-		
SAVANNAH	KE4WAQ	146.850	-		☺
SAVANNAH	W4HBB	146.880	-		
SAVANNAH	W4HBB	146.970	-		
SAVANNAH	WA4IDS	147.150	+		
SAVANNAH	K4NLX	147.210	+		
SAVANNAH	K4NLX	147.330	+		
SNELLVILLE	KR4NQ	147.255	+	T107.2	☺
ST SIMONS ISLAND	N4XGI	145.330	-	T131.8	☺
STOCKBRIDGE	WA4JDR	145.310	-		☺
STONE MT	W4BOC	146.760	-	T107.2	☺
SUMMERVILLE	W4RLP	147.225	+	100.0	☺
SWAINSBORO	K4VYX	146.790	-		
SWEAT MT/MARIETT	N4CLA	145.470	-		
THOMASTON	W4OHH	147.390	+	131.8	☺
THOMASVILLE	W4UCJ	147.060	+		
THOMSON	KC4GSS	146.835	-		☺
TOCCOA	K4MTN	147.330	+		
TYRONE	N4OME	147.165	+	T	☺
UNADILLA	WR4MG	146.760	-	T107.2	
VALDOSTA	WR4SG	145.130	-	T141.3	
VALDOSTA	KF4BJM	146.760	-	141.3	
VIDALIA	K4HAO	146.625	-		☺
WALESKA/PNLG MT	K4PLM	145.270	-	T103.5	
WARM SPRINGS	KN4FE	146.985	-		
WARNER ROBINS	WA4ORT	146.850	-		
WARNER ROBINS	WB4BDP	147.180	+		☺
WARNER ROBINS	WR4MG	147.300	+	107.2	
WATKINSVILLE	KD4AOZ	147.045	+	T123.0	☺
WAYCROSS	AE4PO	146.640	-	T141.3	
WAYCROSS	AE4PO	147.255	+	T141.3	☺
WAYNESBORO	K4BR	145.230	-		
WRENS	KB4NA	146.775	-		
WRIGHTSVILLE	WA4RVB	146.940	-		☺
YOUNG HARRIS	K2YRW	147.090	+		☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	T123.0	
ACWORTH/ATL	N4MTA	224.500	-	T123.0	
ALPHARETTA	NX9O	224.580	-	100.0	
ALPHARETTA	KC4JNN	224.860	-	T100.0	
ATLANTA	N4BLR	224.280	-		
ATLANTA	W4DOC	224.340	-		☺
ATLANTA	KK4C	224.820	-	T77.0	
#ATLANTA-NE	KC4OVY	224.200	-	UNCOR	
ATLANTA/BELL	W4PME	224.620	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120	-	T118.8	
ATLANTA/MARIETTA	N4NEQ	224.220	-	T	
ATLANTA/MARIETTA	N4NEQ	224.440	-	T118.8	
ATLANTA/MARIETTA	PT2RFL	224.960	-	T100.0	☺
AUGUSTA	WB4KXO	224.940	-		
BISKEY MTN	KC4JNN	224.160	-	T100.0	
CEDARTOWN	KC4KLW	224.780	-	T179.9	☺
CLAYTON	W4UWH	224.720	-	PROP	
#CONYERS	WB4JEH	224.020	-	UNCOR	☺
CUMMING	K4JSR	224.980	-		
DAHLONEGA	N4RBT	224.380	-	T100.0	☺
DALLAS	N4YDX	224.180	-		
DALLAS	N4YEA	224.540	-		☺
DALLAS	W4TIY	224.700	-		
DALTON	N4BZJ	224.360	-	T	☺
DALTON	N4BZJ	224.460	-	T118.8	☺
DALTON	N4BZJ	224.680	-		☺
DALTON	N4KVC	224.740	-	T	☺
FT MT/CHATSWTH	N4YYD	224.240	-	T71.9	
GAINESVILLE	W4TL	224.840	-	T131.8	☺
HAWKINSVILLE	WR4MG	224.820	-	PROP	
JASPER	KC4AQS	224.400	-	T100.0	
JASPER	W4UWH	224.600	-	100.0	
LOOKOUT MT	W4RRG	224.560	-	T	☺
LOOKOUT MT.	W4RRG	224.640	-		☺
MARIETTA	KE4QFG	224.260	-	T110.9	☺
MARIETTA	W4LMA	224.900	-		☺
NORCROSS	KE4IPX	224.480	-		☺
PINE LOG MTN	KE4AIS	224.520	-		
SNELLVILLE	W4CSX	224.920	-	T100.0	
STONE MT	W4BOC	224.760	-		☺
TEMPLE	WA4KM	224.300	-	T100.0	
VALDOSTA	KB0Y	224.460	-	T141.3	
WALESKA	KD4ALC	224.140	-		
WALESKA	KB4GDS	224.940	-		☺
WARNER ROBINS	WR4MG	224.840	-		
WATKINSVILLE	KD4AOZ	224.420	-	T123.0	☺
YORKVILLE	WD4LUQ	224.880	-	T77.0	☺
YOUNG HARRIS	NP2Y	224.660	-	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800	+	T77.0	☺
ALBANY	W4MM	444.500	+		☺
ALPHARETTA	WB6RTH	442.000	+	107.2	☺
ATHENS	AA4AI	442.950	+	T179.9	☺
ATHENS	WW4GA	443.300	+	T	☺
#ATHENS/CRAWFORD	KC4GZX	444.300	+	UNCOR	
ATL/MARIETTA	N4NFP	442.800	+	T	
ATLANTA	W4CML	442.025	+	T127.3	☺
#ATLANTA	WB6RTH	442.225	+	UNCOR	☺
ATLANTA	N4XQM	442.525	+	PROP	
ATLANTA	KE4PVE	442.675	+	T100.0	
ATLANTA	WA4YNZ	442.975	+	T	☺
ATLANTA	W4CML	443.025	+	T127.3	☺
ATLANTA	KA5WZY	443.600	+	PROP	
ATLANTA	W4CML	443.650	+	PROP	☺
ATLANTA	KD4LXT	443.875	+		
ATLANTA	W4DOC	444.450	+	T146.2	☺
ATLANTA	W4DOC	444.825	+	T146.2	☺
ATLANTA	WA4NNO	444.925	+		
ATLANTA	WA4YNZ	444.975	+	T	☺
ATLANTA/BELL	W4ZTL	421.250	+		☺
ATLANTA/BELL	W4PME	444.150	+	T100.0	☺
ATLANTA/MARIETTA	PT2RFL	442.875	+	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800	+	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.050	+	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.775	+	118.8	
AUGUSTA	KD4BOO	444.900	+		☺
BALDWIN	WD4NHW	442.350	+		☺
BARNESVILLE	N4GWO	443.675	+		
#BISKEY MTN	KC4JNN	443.250	+	UNCOR	
BLAIRSVILLE	KF4SKT	442.200	+		
BLUERIDGE	KD4GRU	442.125	+	146.2	
BOGART	W4EEE	443.475	+	T	☺
BONAIRE	K4EDN	444.625	+	T82.5	☺
BRUNSWICK	KD4CPO	443.425	+		
BRUNSWICK	K4TVE	444.975	+		
BUFORD	K3TD	442.900	+	T103.5	
BYRON	KF4XH	443.150	+		
BYRON	WB4SBT	444.700	+	T103.5	☺
CARROLLTON	W4FWD	444.075	+	T131.8	
CARTERSVILLE	N4GIS	443.175	+		☺
CEDARTOWN	KD4NTF	443.575	+	T107.2	☺
CHATSWORTH	W4DRC	443.000	+		☺
CHESTER	KD4IEZ	444.525	+	T156.7	
CLAYTON	W1CP	442.825	+	T162.2	☺
CLERMONT	W4TL	444.950	+	T131.8	☺
COCHRAN	N4MXC	444.775	+	PROP	
COCHRAN	W3LAP	444.975	+	77.0	
CONCORD	WB4GWA	443.400	+	118.8	
CONYERS	WB4JEH	442.550	+	T151.4	☺
CONYERS	KB2DZA	443.725	+	T77.0	
CONYERS	WB4JEH	444.550	+	T151.4	☺
CONYERS	KC4ELV	444.750	+	T162.2	☺
CORNELIA	K4JLG	444.275	+	T100.0	☺
COVINGTON	K4GO	443.750	+	T146.2	
COVINGTON	KE4PVE	444.175	+	T100.0	
COVINGTON	WA4ASI	444.800	+	T88.5	
CULLODEN	KE4BB	444.275	+	T123.0	☺
CUMMING	WB4GQX	441.900	+	T141.3	
CUMMING	WA4BPY	442.575	+	T79.9	☺
CUMMING	W4CBA	444.625	+	T123.0	☺
#CUMMING	WA4YNZ	444.975	+	UNCOR	☺
DACULA	KK4IN	443.550	+		
DAHLONEGA	N4KHQ	443.100	+	100	☺
DAHLONEGA	N4KHQ	444.900	+		☺
DALLAS	W4CSX	441.925	+	T162.2	
DALLAS	W4TIY	443.700	+		
DALLAS	WD4LUQ	444.700	+	T77.0	☺
DALTON	N4BZJ	442.175	+	T118.8	☺
DALTON	N4BZJ	444.500	+	T118.8	☺
DALTON	N4BZJ	444.850	+		☺
DANIELSVILLE	KE4FHN	442.650	+	T	
DECATUR	N3APR	442.200	+		
DECATUR	KA4UFM	443.950	+	T110.9	☺
DECATUR	W4BOC	444.250	+		☺
DOUGLAS	KE4ZRT	443.000	+	PROP	
DOUGLASVILLE	W4SCR	444.575	+	T88.5	☺
DUBLIN	KD4FOC	442.600	+	T77.0	
DUBLIN	KD4IEZ	443.025	+	T156.7	
DULUTH	W4IXN	443.775	+	T82.5	
EATONTON	KC4YHM	442.925	+		☺
ELLIJAY	KC4ZGN	442.700	+	T77.0	☺
ETOWAH VALLEY	AE4JO	443.425	+	PROP	
FAYETTEVILLE	W4PSZ	444.600	+	T77.0	
FLOWERY BRANCH	K4VJM	442.775	+	PROP	
FLOWERY BRANCH	K4RHJ	443.900	+	T100.0	☺
FOLKSTON	KD4GEY	444.475	+		
FT. MT/CHATSWTH	N4YYD	443.350	+	T71.9	
GAINESVILLE	W4ABP	442.625	+	T131.8	☺
#GAINESVILLE	WA4DB	444.200	+	UNCOR	☺
GRAY	K4MDS	443.625	+		
GREENSBORO	N4YXL	444.850	+	PROP	
GRIFFIN	KE4WLP	443.550	+		☺
HAMILTON	WB4ULJ	444.400	+		
HAPEVILLE	KC4ENL	442.825	+	T167.9	
HELEN	K4PE	444.425	+	PROP	
HIAWASSEE	KC4CBQ	444.675	+	186.2	☺
HIGH PT/LOOKT MT	KB4VAK	443.450	+	T77.0	
HINESVILLE	KF4UM	444.850	+	PROP	☺
HOGANSVILLE	KC4YNY	444.300	+	PROP	
IRWINTON	WB4NFG	444.925	+	T77.0	
IVEY	K4YC	443.200	+	T88.5	
IVEY	K4YC	444.650	+	T	
JASPER	N3DAB	442.750	+	T141.3	☺
JASPER	KC4AQS	443.375	+	T100.0	
JASPER	KB4MDE	443.425	+		
JASPER	KF4OYP	443.625	+	T100.0	
JASPER	KB4IZF	444.375	+	T103.5	☺
JESUP	N4PJR	444.925	+		☺
JONESBORO	N4QCP	443.225	+		
KINGSLAND	KC5BMJ	444.625	+	T118.8	☺
KNOXVILLE	N4PQR	443.525	+	PROP	
LAKEMONT	N4ZRF	444.750	+	T	
LAVONIA	K4NVG	442.475	+	T203.5	☺
LAWRENCEVILLE	WB4HJG	442.850	+	T82.5	☺
LAWRENCEVILLE	WB4QDX	444.000	+	T127.3	☺
LAWRENCEVILLE	W4CML	444.025	+	PROP	☺
LOOKOUT MT	W4RRG	442.650	+	T100.0	☺
LOOKOUT MT.	W4RRG	442.475	+	T67.0	☺
MABLETON	W4JLG	442.325	+	T	☺
MACON	AF4UL	442.000	+	PROP	
MACON	K4DDH	442.275	+	T100.0	☺
MACON	K4EFW	442.875	+	T114.8	
#MACON	WX4EMA	443.075	+	UNCOR	
MACON	W4BKM	444.100	+		
MADRAS	KE4HAC	442.250	+	PROP	
MARIETTA	N1KDO	442.050	+	T107.2	☺
MARIETTA	KE4QFG	442.375	+	T	☺
MARIETTA	WA4OKJ	442.600	+	T100.0	
MARIETTA	N4MTA	443.500	+		
MARIETTA	KF4BMG	444.325	+	T79.7	
MARIETTA/ATL	KE4QFG	442.725	+	T	☺
MCDONOUGH	KE4UAS	444.875	+	T123.0	☺
MONROE	KQ4XL	443.925	+	T123.0	
MOULTRIE	W1BPP	444.625	+	T123.0	
NEWNAN	K4NRC	441.875	+	PROP	☺
NEWNAN	KE4PVE	444.350	+	PROP	
NORCROSS	K4HUM	442.100	+	T100.0	
PEACHTREE CITY	AB4KN	442.500	+	T77.0	
PEACHTREE CITY	N4YTR	444.675	+	T77.0	
PEMBROKE	AF4MI	441.800	+	PROP	
PENDERGRASS	KE4PVE	444.125	+	PROP	
PERRY	WR4MG	444.950	+		
PINE LOG MT	KD4APP	443.200	+	T103.5	
QUITMAN	WA4NKL	444.600	+	T127.3	☺
REX	KB4NPO	443.975	+	PROP	
RINGGOLD	KW4KW	442.300	+	PROP	
RINGGOLD	W4BAB	443.925	+		
ROCKMART	KC4KLW	443.275	+	T179.9	☺
ROME	KC4KLW	443.525	+	T179.9	☺
ROSWELL	W8BLA	442.075	+	T	
#ROSWELL	WA4YNZ	442.975	+	UNCOR	☺
ROSWELL/BELL	N4SE	442.150	+	T100.0	
ROSWELL/BELL	W4PME	443.150	+	100.0	
SANDY SPRINGS	KE4OKD	441.950	+	T103.5	
SAVANNAH	K4NLX	421.250	+		
SAVANNAH	WA4VHP	427.250	+	T	
SAVANNAH	K4NLX	442.700	+		
#SAVANNAH	WD4AFY	444.000	+	UNCOR	
SMYRNA	N4IBW	444.650	+		
SNELLVILLE	W4CML	442.450	+	T	

SYMBOLS: ☺ = Full Member SERA   T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated   PROP = Proposed Rptr. Under Const.

GEORGIA REPEATERS CONTINUE

SNELLVILLE	NE1H	443.050	+	T	
SNELLVILLE	W4GR	444.525	+	82.5	☺
ST SIMONS ISLAND	N4XGI	442.950	+	T131.8	☺
STATHAM	WW4T	442.300	+	T	☺
STOCKBRIDGE	N4JMD	443.325	+	T	
SWEAT MT/MARIETT	N4CLA	444.475	+		
TIFTON	KE4RJI	444.875	+	PROP	
VALDOSTA	WR4SG	444.350	+	T141.3	
VALDOSTA	KF4BJM	444.700	+	T141.3	
VIDALIA	KE4PMP	442.500	+	T88.5	☺
#WALESKA	KD4DXR	441.350	+	UNCOR	
#WALESKA	K4PLM	443.850	+	UNCOR	
WARM SPRINGS	N4UER	442.400	+		
WARNER ROBINS	WR4MG	442.900	+		
WATKINSVILLE	KD4AOZ	444.725	+	T123.0	☺
WAYCROSS	AE4PO	444.025	+	T141.3	☺
WOODSTOCK	KE4SJO	444.225	+		

920 MHZ

#SAVANNAH	WA4VHP	923.000	-	UNCOR	

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-		☺
ATLANTA/MARIETTA	N4NEQ	427.250	+		
DALTON ATV	N4BZJ	421.250	+		☺

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620	-	103.5	☺
LOUISVILLE	KK4CZ	29.640	-		

6 METERS

ASHLAND	KC4QK	53.010	-	T107.2	☺
BUCKHORN LAKE	K4XYZ	53.730	-	PROP	☺
DORTON	WR4AMS	53.350	-	PROP	☺
HAZARD	K4TDO	53.850	-		☺
HIGHLAND HEIGHTS	AD4CC	53.330	-	123.0	☺
HIGHLAND HEIGHTS	W4YWH	53.750	-	PROP	☺
LAGRANGE	WB4WSB	53.950	-	PROP	☺
LAWRENCEBURG	N4EQT	53.130	-	T107.2	☺
LEXINGTON	KE4LGL	53.570	-		
LONDON	KE4ZJT	53.910	-	T100.0	☺
LOUISVILLE	KF4UAQ	53.290	-		
LOUISVILLE	N7BBW	53.430	-	T151.4	
LOUISVILLE	WB4LBR	52.025	+		
NANCY	KA4UHL	53.270	-	T100.0	☺
#STANTON	WD4KNE	53.810	-	UNCOR	☺
WAYNESBURG	KE4RKF	53.390	-	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070	-	T100.0	

2 METERS

ALLEN	K4ICN	147.300	+	T123.0	☺
#ARTEMUS	KE4INT	147.390	+	UNCOR	☺
ASHLAND	KG4DVE	146.940	-		
ASHLAND	KC4QK	147.240	+	T107.2	☺
ASHLAND	WA8KWH	147.330	+		
BARBOURVILLE	KF4CME	147.135	+	100.0	
BARDSTWN/NELSN	WB4GGH	145.470	-	151.4	☺
BEREA	KF4OFT	146.715	-	100.0	
BLACK MOUNTAIN	KB4DFK	147.210	+	T103.5	☺
BOWLING GREEN	WA4GOZ	146.625	-	PROP	
BOWLING GREEN	K4LOL	147.060	+	PROP	☺
BOWLING GREEN	W4WSM	147.165	+		☺
BOWLING GREEN	KA4CFW	147.330	+		☺
BOWLING GREEN-SO	W4WSM	146.655	-		☺
BROOKS	KY4KY	146.700	-	T151.4	☺
BUCKHORN LAKE	K4XYZ	147.375	+	T103.5	☺
CADIZ	KT4SH	147.195	+	103.5	
CANE VALLEY	WA4UXJ	146.640	-		☺
CENTER	KD4YGK	147.375	+	151.4	☺
#CENTRAL CITY	WF4N	145.390	-	UNCOR	
CORBIN	WD4KWV	146.610	-		☺
COVINGTON	WR8CRA	147.390	+		
CRESTWOOD	KF4TOL	147.390	+	T151.4	☺
DANVILLE	WD4DZC	146.655	-		☺
DAVID	KC4KZT	145.310	-	T	☺
DAWSON SPRINGS	KF4CWK	147.090	+	T103.5	
#DIXON	N4IOX	147.255	+	UNCOR	
DORTON	KC4KZT	146.895	+	T141.3	☺
DRAKESBORO	KF4DKJ	146.820	-	T	
ELIZABETHTOWN	W4BEJ	146.980	-		☺
ELKTON	KA4NNE	146.805	-	151.4	
FARMINGTON	W4GZ	147.240	+	T91.5	☺
FLEMINGSBURG	KF4BRO	146.955	-	T107.2	☺
FLORENCE	K4JBV	146.895	-	100.0	☺
FRANKFORT	N4EQT	147.105	+	T107.2	☺
FRANKFORT	KC4AI	147.240	+	T100.0	
FRANKLIN	KE4SZK	147.135	+	PROP	
GEORGETOWN	KF4NTQ	146.685	-	107.2	☺
GLASGOW	KY4X	146.940	-	114.8	
GRAYSON	KD4DZE	146.700	-	107.2	☺
GREENVILLE	WA4TTC	146.745	-		
GRETHEL	KJ4VF	147.045	+	T100.0	☺
HALLS GAP	W8PRH	145.170	-		☺
HARLAN	WA4ZAC	147.105	+		
HAZARD	KF4SJO	146.670	-		☺
HAZARD	W8PRH	146.805	-		☺
HENDERSON	W4KVK	145.490	-		
#HENDERSON	K4DPP	146.970	-	UNCOR	
HIGHLAND HEIGHTS	W4YWH	146.790	-	123.0	☺
HIGHLAND HTS.	K4CO	147.255	+	T123.0	☺
#HODGENVILLE	W4LJM	147.315	+	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710	-		
HOPKINSVILLE	KD4ULE	147.030	+	T103.5	☺
HUEYSVILLE	KF4ZTB	145.470	-	T79.7	☺
HYDEN	KF4TLT	147.240	+	186.2	☺
IRVINE	W4CMR	146.820	-	192.8	☺
IRVINE	AD4RU	147.015	+		
IRVINGTON	WB4WVH	146.900	-		☺
JACKSON	WA4MXO	145.410	-		☺
#JONATHAN CREEK	N4SEI	146.985	-	UNCOR	
LAWRENCEBURG	N4EQT	145.390	-	T107.2	☺
LEBANON	WD4JZH	147.345	+	T151.4	
LEBANON JCT.	KD4YGK	147.150	+	PROP	
LEESBURG	KC4UPE	145.110	-	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210	-		☺
LEXINGTON	AD4YJ	145.250	-	110.9	
LEXINGTON	WB4CWF	145.490	-		
LEXINGTON	AC4AO	146.730	-		
LEXINGTON	K4KJQ	146.760	-		☺
LEXINGTON	WA4HBM	147.165	+		☺
LEXINGTON	KJ4VF	147.195	+		☺
LITCHFIELD	KG4OOZ	147.225	+	179.9	
LONDON	KE4ZJT	147.180	+	151.4	☺
LONDON	KC4ZFH	147.285	+	T	
LOUISA	N8QCW	147.390	+	127.3	☺
LOUISVILLE	W8PRH	145.230	-		☺
LOUISVILLE	AC2DC	145.290	-	T151.4	
LOUISVILLE	KK4CZ	145.410	-	127.3	
LOUISVILLE	W4PF	146.880	-		
LOUISVILLE	W4PJZ	147.030	+	151.4	☺
LOUISVILLE	N4NMC	147.070	+	T151.4	
#LOUISVILLE	KA4KMT	147.120	+	UNCOR	
LOUISVILLE	KG4CCW	147.150	+	T141.3	
LOUISVILLE	W4CN	147.180	+	88.5	☺
LOUISVILLE	WB4EJK	147.270	+	151.4	
LOUISVILLE	KQ9Z	147.360	+		
LOUISVILLE AREA	N4UL	145.130	-	T151.4	☺
LYNN GROVE	KA4BLZ	146.895	-	T210.7	
MADISONVILLE	KC4FRA	146.610	-		☺
#MARION	KA4FGA	147.285	+	UNCOR	
MAYSVILLE	KF4BRO	145.470	-	T107.2	☺
MIDDLESBORO	W4PPM	146.775	-		
MILLARD	KD4RTR	146.745	-	T141.3	
MONTECELLO	WB9SHH	146.955	-	PROP	
MONTICELLO	KY4JW	145.150	-		☺
MOREHEAD	KJ4VF	145.130	-	T100.0	☺
MOREHEAD	K4GFY	146.910	-	T123.0	
#MT. STERLING	WD4KNE	147.330	+	UNCOR	☺
MURRAY	K4MSU	146.940	-		☺
NANCY	KA4UHL	146.790	-	T100.0	☺
#NEBO	AA4NI	146.730	-	UNCOR	
OWENSBORO	N4WJS	146.685	-	110.9	☺
OWENSBORO	AD4MU	146.865	-		
OWENSBORO	K4HY	147.210	+	110.9	☺
OWINGSVILLE	N4TLP	147.075	+		
PADUCAH	K4CUW	146.655	-	T	
PADUCAH	K4CUW	146.760	-		
PADUCAH	W4NJA	147.060	+	103.5	☺
PAINTSVILLE	N4KJU	145.270	-	T	☺
PARIS	KE4OOS	147.045	+	PROP	
PHELPS	KJ4YK	147.090	+		☺
PIKEVILLE	AD4BI	145.150	-	107.2	☺
PIKEVILLE	KM4IV	146.850	-		
PRESTONSBURG	WB4UBY	147.165	+		☺
PRINCETON	W4KBL	146.670	-		
#PROVIDENCE	N4IUI	147.330	+	UNCOR	
RADCLIFF	AI4HB	145.350	-	173.8	
RADCLIFF	W4BEJ	146.925	-		☺
RICHMOND	KE4YVD	145.370	-	T192.8	☺
RICHMOND	KG4AEU	146.865	-	192.8	☺
ROCKFIELD	KG4FEJ	145.450	-	PROP	
ROCKPORT	KD4BOH	145.270	-	77.0	
SALEM	KC4VXR	147.315	+		
SALVISA	KC4ZOX	146.835	-	T192.8	☺
SALYERSVILLE	KB4SQI	145.190	-	T127.3	☺
SANDY HOOK	KF4WMM	147.135	+	T107.2	
SHELBYVILLE	KE4LR	147.000	+		☺
SO. PORTSMOUTH	KC8FKP	145.390	-	136.5	
SOMERSET	KA4UHL	146.880	-	77.0	☺
SPRINGFIELD	WA4SJH	147.300	+		
ST. CHARLES	KE4AIE	147.270	+		☺
STANTON	N4VOS	145.290	-		
STANTON	W8PRH	146.970	-		☺
STINETT	KF4TLT	147.345	+	PROP	
TOMPKINSVILLE	KJ4OG	146.775	-		
VANCEBURG	AE4SK	146.775	-		☺
VERSAILLES	KF4INN	145.330	-		
WADDY	KS4TO	146.910	-	T107.2	
WALTON	K4CO	147.375	+	123.0	☺
WEBSTER	K4ULW	146.625	-	T151.4	☺
WEST LIBERTY	KG4GQC	145.230	-	107.2	
WILLIAMSBURG	KG4M	147.000	+		
WINCHESTER	WB4ASZ	147.120	+		☺

220 MHZ

ASHLAND	KC4QK	223.940	-		☺
BUCKHORN LAKE	K4XYZ	224.460	-	PROP	☺
DORTON	WR4AMS	224.520	-		☺
GARRETT	KF4ZTB	224.260	-	PROP	
HAZARD	WR4AMS	224.820	-		☺
IRVINE	AD4RU	224.940	-		
LANCASTER	KD4RXF	224.560	-		
LAWRENCEBURG	N4EQT	224.900	-	T107.2	☺
LEXINGTON	AC4AO	224.420	-		
LEXINGTON	KR4BD	224.800	-		☺
LONDON	WR4AMS	224.980	-		☺
LOUISVILLE	KA4MKT	224.300	-		
LYNCH	K4TDO	224.320	-	PROP	
META	WR4AMS	224.380	-	PROP	
MIDDLESBORO	WM4MD	224.120	-	T82.5	☺
NANCY	KA4UHL	224.100	-	T100.0	☺
PIKEVILLE	WB4F	224.580	-		
PIKEVILLE	KD4DAR	224.620	-		☺
PRESTONSBURG	WR4AMS	224.720	-	PROP	
SHEPHERDSVILLE	N4FND	224.500	-	T151.4	☺
SOMERSET	N4AI	224.300	-		☺
SOMERSET	N4AI	224.880	-		☺
VERSAILLES	AD4CR	224.220	-		

440 MHZ

ALLEN	N4IWZ	444.775	+	T123.0	☺
#ASHLAND	KC8ERN	444.750	+	UNCOR	
ASHLAND	KC4QK	444.975	+	T107.2	☺
BARDSTOWN	KT4GB	443.000	+		☺
BEATTYVILLE	KC4UPE	444.825	+	T192.8	
BOWLING GREEN	W4HTB	426.250	+		☺
BOWLING GREEN	W4WSM	444.100	+		☺
BOWLING GREEN	N5KOL	444.700	+	T136.5	☺
BROOKS	KY4KY	443.700	+	151.4	☺
BRUSHY FORK	KF4WMM	444.600	+	88.5	
BUCKHORN LAKE	K4XYZ	443.400	+	PROP	☺
CANE VALLEY	W4LJM	443.950	+	T	☺
CORBIN	KF4IFC	444.275	+	79.7	☺
CORBIN	WB4IVB	444.900	+	T100.0	
COX'S CREEK	AE4NU	443.450	+	T151.4	☺
DAVID	KC4KZT	443.900	+	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275	+		☺
DORTON	KD4RTR	442.150	+	167.9	
DORTON	KJ4VF	443.250	+		☺
DRY RIDGE	KC4COV	444.425	+	118.8	☺
ELIZABETHTOWN	W4BEJ	421.250	+		☺
ELIZABETHTOWN	W4BEJ	444.800	+		☺
ELKHORN CITY	KD4RTR	444.300	+	PROP	
FALMOUTH	KD4EVB	443.825	+	118.8	☺
FLORENCE	KC4COV	443.175	+	T131.8	☺
FLORENCE	KC4COV	443.475	+	T131.8	☺
FLORENCE	KC4COV	444.175	+	T131.8	☺
FORT WRIGHT	KY4JD	442.525	+	T123.0	☺
FOSTER	KU4ML	443.125	+		
FRANKFORT	K4NGQ	442.175	+	T67.0	
FRANKFORT	WA4CMO	443.325	+		
FRANKLIN	KD4TAH	443.225	+		
GARRETT	KF4JJD	442.400	+	79.7	☺
GEORGETOWN	KF4NTQ	443.625	+		
GILBERTSVILLE	W2HR	442.850	+	T103.5	
GLASGOW	KY4X	444.925	+		
GLASGOW/CVCTY	KF4DC	444.250	+		
GRAEFENBURG	N4HZX	443.550	+		
GRETHEL	KJ4VF	444.525	+		☺
HAWESVILLE	KB4QFL	444.625	+		
HAZARD	K4TDO	443.975	+	103.5	☺
HENDERSON	KY4K	444.725	+	T203.5	
HIGHLAND HEIGHTS	W4YWH	444.900	+	123.0	☺
HOPKINSVILLE	KE4AIF	444.750	+	T103.5	
HUDSON	KC4JTV	444.900	+	179.9	
INDEPENDENCE	K4JBV	442.325	+	100	☺
INDEPENDENCE	KB8SBN	444.075	+	T110.9	
IRVINE	W4CMR	442.900	+		☺
IRVINE	AD4RU	444.000	+		
LATONIA	AA4XV	442.400	+	T	
LAWRENCEBURG	N4EQT	443.925	+	T107.2	☺
LEBANON JCT	KD4YGK	441.775	+	PROP	☺
LEBANON JCT	KD4YGK	444.150	+	PROP	☺
LEWISPORT	K4DC	444.550	+		☺
#LEXINGTON	KY4ATV	923.250	-	UNCOR	☺
LEXINGTON	KD4ADJ	442.050	+		☺
LEXINGTON	KE4OOL	443.025	+	T123.0	
LEXINGTON	KB8QLC	444.125	+	88.5	☺
LEXINGTON	KC4DUU	444.550	+		☺
LEXINGTON	KE4ISR	444.725	+	T	
LEXINGTON	N4DUE	444.950	+		☺
LOUISVILLE	N4ORL	442.000	+		
LOUISVILLE	KB4RYM	442.500	+		
LOUISVILLE	WD4ELX	442.550	+		
LOUISVILLE	KB4YJ	442.725	+	151.4	
LOUISVILLE	WD9EQC	443.500	+		
LOUISVILLE	N4UL	444.100	+	173.8	☺
LOUISVILLE	KG4JNM	444.300	+	PROP	
LOUISVILLE	N4NMC	444.600	+	T151.4	
LOUISVILLE AREA	N4RBL	442.100	+	T	
LOUISVILLE AREA	KD4CLR	442.450	+	T151.4	
LOUISVILLE SW	K4ULW	443.350	+		☺
MADISONVILLE	KC4FIE	442.425	+		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

MADISONVILLE	AE4LW	442.575	+	T100.0	
MADISONVILLE	KC4FIE	442.775	+		☺
MADISONVILLE	KC4FIE	444.600	+		☺
MAMMOTH CAVE	KF4QZN	444.475	+	T179.9	☺
MANCHESTER	KD4GMH	444.500	+	PROP	
MARION	KR4PF	444.200	+	T100.0	☺
MAYSVILLE	KF4BRO	443.500	+	T123.0	☺
META	WB4UBY	443.500	+		☺
MIDDLESBORO	WM4MD	442.325	+	T67.0	☺
MIDDLESBORO	KD4PBC	443.150	+	PROP	
MIDDLESBORO	WB4IVB	444.150	+	T100.0	
MILLARD	KD4RTR	443.425	+		
MONTICELLO	WB9SHH	444.750	+		
MOREHEAD	K4GFY	442.500	+	T	
MORGANTOWN	KF4QZN	444.425	+	T179.9	☺
MT STERLING	KD4ADJ	442.600	+		☺
MURRAY	K4MSU	443.800	+	T114.8	☺
NANCY	KA4UHL	443.600	+	T100.0	☺
NEBO	AA4NI	444.850	+		
NICHOLASVILLE	KC4UPE	444.775	+	T167.9	
NICHOLASVILLE	WB4CWF	444.975	+		
OLIVE HILL	KO4LI	444.925	+		
OWENSBORO	N4WJS	443.100	+	T110.9	☺
OWENSBORO	N4WJS	443.650	+	110.9	☺
OWENTON	KD4EVB	443.425	+	118.8	☺
PAINTSVILLE	N4KJU	441.525	+	127.3	☺
PHELPS	N4MVY	444.575	+		☺
PIKEVILLE	KD4RTR	444.200	+		
PIKEVILLE	KD4DAR	444.375	+		☺
PIKEVILLE	AD4BI	444.475	+		☺
PRESTONSBURG	K4AVY	443.825	+	PROP	
RICHMOND	KE4ISW	444.625	+	192.8	☺
RINEYVILLE	KF4RBD	444.225	+	PROP	
ROBINSON CREEK	KC4VYX	444.675	+		☺
ROCKPORT	KD4BOH	442.675	+	77.0	
ROCKPORT	KD4BOH	444.075	+	T77.0	
RUSSELLVILLE	KD4TAH	442.350	+	PROP	
SALEM	KC4VXR	444.825	+	T100.0	
SALVISA	KF4AWA	444.675	+	T203.5	☺
SALVISA	KC4UPE	444.875	+	T167.9	
SALYERSVILLE	KE4NLL	444.050	+	T127.3	☺
SHELBYVILLE	KE4YRE	442.375	+		
SHEPHERDSVILLE	KD4YGK	444.400	+	T203.5	☺
SIMPSONVILLE	KO4OT	444.450	+	T100.0	☺
SPRINGFIELD	WA4SJH	444.600	+		
STANTON	N4VOS	442.075	+		
VERSAILLES	KF4INN	443.775	+		
WADDY	KS4TO	443.225	+		
WALTON	K4CO	444.350	+	123.0	☺
WILDER	KC4COV	444.400	+	T131.8	☺
WILLIAMSBURG	KB4PTJ	444.050	+	100.0	

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270	-	T	☺
ELLISVILLE	N5EKR	53.010	-	T	
LAUREL	KC5PIA	53.450	-		☺
NETTLETON	AB5MU	53.050	-	192.8	

2 METERS

ABBEVILLE	WB5VYH	145.470	-	T107.2	
ABERDEEN	WB5USN	147.270	+		
ACKERMAN	NO5N	147.120	+		
AMORY	KB5DWX	146.940	-	T192.8	
AMORY	KB5DSN	147.090	+		
BAY ST. LOUIS	WB4FUR	146.700	-		
BILOXI	KC5IF	146.730	-		
BILOXI	K5TYP	146.790	-		
BOONEVILLE	K5YD	145.190	-	110.9	☺
BOONEVILLE	KI5WI	147.150	+		
BUDE	K5JMD	146.850	-	T103.5	
BYHALIA	N4DRL	145.350	-		☺
BYHALIA	N4DRL	147.225	+		☺
CHATAWA	WB5GOJ	145.310	-		
COLLINS	N5LRQ	146.985	-	T136.5	
COLUMBIA	N5LJC	147.285	+	PROP	
COLUMBUS	KC5ULN	146.625	-		☺
COLUMBUS	KC5ULN	147.000	+		☺
CORINTH	WB5VOJ	146.925	-	T107.2	
CORINTH	K5UFH	147.000	-		
CORINTH	KB5TGA	147.285	+		☺
D'IBERVILLE	KC5IF	145.410	-		
ELLISVILLE	N5EKR	146.955	-	T	
ELLISVILLE	N5DWU	146.865	+	T136.5	☺
ELLISVILLE	N5DWU	146.895	+	T136.5	☺
FOREST	KC5QHP	147.390	+	T100.0	☺
#FRENCH CAMP	W5BJT	147.225	+	UNCOR	
FULTON	WX5P	145.450	-		☺
GLOSTER	KX5E	145.430	-	T136.5	
GREENVILLE	KG5SF	147.345	+		
GREENWOOD	KA5TQY	146.715	-		
GRENADA	W5LV	146.700	-		☺
GULFPORT	KA5VFU	147.375	+		
HATTIESBURG	W5CJR	145.190	-	T136.5	☺
HATTIESBURG	K5IJX	145.370	-	136.5	
HATTIESBURG	K5PN	146.775	-	T136.5	☺
HATTIESBURG	W5CJR	147.360	+		☺
HERNANDO	K5VV	146.910	-		
ISOLA	KC5OB	146.955	-		
IUKA	WB5MFK	146.850	-		
JACKSON	KB5KGE	145.390	-		
JACKSON	W5AXQ	146.760	-		☺
JACKSON	K5QNE	146.880	-	T100.0	☺
JACKSON	KA5SBK	146.940	-	100.0	☺
JACKSON	W5IQ	147.000	+	T	
JACKSON	NC5Y	147.075	+	T	
KILN	K5DMC	145.330	-		
KOSCIUSKO	W5LWC	146.850	-		
LAUREL	KC5QZW	146.610	-		
LAUREL	WV5D	147.030	-	T	
LAUREL	KC5RC	147.255	+		
LOUISVILLE	KC5QGC	147.360	+		
LUCEDALE	WA5JZL	146.910	-		
MADISON	K5XU	146.640	-		☺
MAGEE	K5HYE	146.820	-	100.0	
MAGEE	KA5LNY	147.300	+		☺
MCCOMB	K5JMD	146.940	-	T	
MENDENHALL	K5HYE	145.110	-	T100.0	
MENDENHALL	KB5IKR	145.210	-	T100.0	
MERIDIAN	KC5ZZH	146.655	-		☺
MERIDIAN	W5FQ	146.700	-		
MERIDIAN	KI5FW	146.970	-	100.0	☺
MONTICELLO	N5JHK	147.015	+		
MOOREVILLE	WB5NAY	146.640	-		
MORTON	KB5LCL	147.045	+	T141.3	
NATCHEZ	W5KHB	146.685	-		
NATCHEZ	K5OCM	146.910	-	91.5	
NATCHEZ	K5SVC	147.360	+	100.0	
#NEW ALBANY	KC5VZI	145.230	-	UNCOR	
NEW ALBANY	W5UBG	146.670	-		
#NEW ALBANY	KC5VZI	146.745	-	UNCOR	
NEW HEBRON	N5MRS	147.090	+	T	☺
OCEAN SPRINGS	W5LDD	147.030	+		☺
PASCAGOULA	W5WA	145.110	-	T123.0	
PASCAGOULA	KE5SJ	146.880	-		
PASCAGOULA	N5PH	146.970	-	T	
PEARL/RANKIN CO	KF5IZ	147.150	+	T88.5	
PHILADELPHIA	N5EPP	147.330	+		
#PICAYUNE	K5LFP	145.150	-	UNCOR	
PONTOTOC	WB5NAY	147.380	+		
PORT GIBSON	KE5WO	146.625	-		
PURVIS	KB5ZCX	146.670	-		
RAYMOND	KG5YV	147.240	+	PROP	
RICHTON	N5OCF	147.060	+	T	
SENATOBIA	KB5DMT	146.985	-	T107.2	☺
SHARON	N5ZQC	145.450	-	T100.0	
SOUTHAVEN	N5PYQ	145.370	-	T107.2	
STARKVILLE	KD5GVU	146.730	-	210.7	☺
STARKVILLE	KF5C	146.805	-	192.8	
#SUMNER	WB5FXH	147.090	+	UNCOR	
TUPELO	N5VGK	145.490	-		
TUPELO	N5ELS	147.240	+		
UNION	N5SPJ	147.210	+	T100.0	
UTICA	N5ZMZ	145.350	-		☺
UTICA	N5ZMZ	147.345	+		
#VANCLEAVE	KE5TL	147.000	-	UNCOR	☺
VICKSBURG	WJ5L	145.290	-		
#VICKSBURG	K5IMT	146.805	-	UNCOR	
VICKSBURG	K5ZRO	147.270	+	T100.0	
VOSSBURG	KB5UIX	147.135	+	136.5	
WALLS	N5NBG	145.270	-	T162.2	
WATER VALLEY	N5DXM	147.000	-		
WAYNESBORO	W5SAR	147.105	+		☺
WAYNESBORO	N5DWU	147.315	+		☺
WEST POINT	KC5LIO	147.180	+		☺
WIGGINS	KB5DZJ	145.270	-	T136.5	☺
WINONA	N5EYM	146.970	-	110.9	

220 MHZ

BYHALIA	N4DRL	224.500	-		☺
VICKSBURG	WB5OWY	224.780	-		
WARSAW	N4DRL	224.880	-		☺
WAYNESBORO	W5SAR	224.140	-		☺

440 MHZ

ABERDEEN	KD5AHI	444.450	+		
AMORY	KB5DSN	444.825	+		
BYHALIA	N4DRL	444.300	+		☺
CLERMONT HARBR	WD5BJT	444.150	+	T77.0	
CLINTON	KG5YV	444.000	+	T100.0	☺
ELLISVILLE	N5DWU	442.200	+	T167.9	☺
ELLISVILLE	N5DWU	442.250	+	T167.9	☺
GAUTIER	KA5NOJ	911.250	-		☺
GAUTIER	KA5NOJ	426.250	+		☺
GAUTIER	KC5LCW	443.450	+	123.0	☺
GLOSTER	N5ZNS	443.825	+		
GREENVILLE	N5PS	444.675	+		
HATTIESBURG	K5PN	443.700	+	T136.5	☺
HAZLEHURST	N5ZDF	443.950	+	T100.0	
HEIDELBERG	KC5RC	444.300	+	T100.0	
HICKORY FLAT	W4ZCD	444.725	+	T179.9	
INDIANOLA	AB5DU	444.850	+	136.5	
JACKSON	KB5LCL	444.450	+	T141.3	
JACKSON	KB5CO	444.600	+	T100.0	☺
JACKSON	NC5Y	444.700	+		
JACKSON	KB5CO	444.800	+		
JACKSON, EAST	AA5RZ	443.625	+		
MCCOMB	N5HTQ	444.875	+	T100.0	
MENDENHALL	K5HYE	443.600	+		
MERIDIAN	KB5BRZ	444.100	+	131.8	☺
MERIDIAN	W5LRG	444.500	+	107.2	☺
NATCHEZ	N5IAT	443.800	+		
NETTLETON	AB5MU	444.625	+	192.8	
NEW ALBANY	WB5YCR	444.150	+		
NEW HEBRON	N5NNI	444.525	+	T	☺
PEARL	KB5HAV	444.375	+	T88.5	
PETAL	W5CJR	443.350	+	T	☺
PHILADELPHIA	WB5YGI	444.950	+		
PICAYUNE	KE5LT	443.725	+	T179.9	☺
PINOLA	KC5LXF	444.850	+		
PORT GIBSON	KC5CLM	444.575	+	T141.3	☺
RICHTON	N5OCF	444.625	+		
SOUTHAVEN	NU5O	443.575	+	77.0	☺
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	W5VZF	444.750	+		
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
VOSSBURG	N5LRQ	442.725	+	T167.9	
WALLS	N5NBG	444.650	+		
WAYNESBORO	W5SAR	443.500	+		☺
WAYNESBORO	W5SAR	443.550	+		☺
WEST POINT	N5WXD	443.450	+		☺
WIGGINS	KB5DZJ	443.300	+	167.9	☺

NORTH CAROLINA

10 METERS

BALD CREEK	N1BEC	29.660	-		
HIGH POINT	KE4QOX	29.640	-	T103.5	
NEWPORT	K4GRW	29.660	-	PROP	
ROCKY MOUNT	N4JEH	29.660	-		☺
THOMASVILLE	WW4DC	29.680	-	88.5	☺
WILKESBORO	KC4XE	29.620	-		☺
ZEBULON	WB4IUY	29.620	-		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.050	-		
ASHEVILLE	WD4BQW	53.270	-		☺
ASHEVILLE	N4OOC	53.470	-	PROP	
BALD CREEK	N1BEC	53.030	-		
BARIUM SPRINGS	WA4WRS	53.670	-	PROP	☺
BOONE	WA4NC	53.790	-	PROP	☺
CHAPEL HILL	W4UNC	53.450	-	T107.2	☺
CLINTON	W4TLP	53.330	-		☺
DURHAM	W4BAD	53.750	-		☺
EFLAND	WA1YYN	53.410	-	T107.2	☺
#FAYETTEVILLE	W4EBM	53.810	-	UNCOR	
GASTONIA/CRDR MT	N4XTF	53.110	-		☺
HENDERSONVILLE	W4FOT	53.130	-	T100.0	☺
KVILLE/HIPOINT	KF4QDS	53.590	-	T103.5	
LUMBERTON	KD4BGD	53.110	-		☺
MT MITCHELL	AB4JJ	53.630	-	T100.0	☺
MT. AIRY	N4DAJ	53.970	-	PROP	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
NEWPORT	K4GRW	53.010	-	PROP	
PITTSBORO	KD4JFN	53.230	-	T107.2	
RALEIGH	K4ITL	53.030	-		☺
RALEIGH	W4BAD	53.190	-	PROP	☺
#RANLO	KC4YOZ	53.390	-	UNCOR	
REELSBORO	KF4IXW	53.090	-	T162.2	☺
ROCKY MOUNT	N4JEH	53.050	-		☺
ROCKY MOUNT	KC4SBJ	53.650	-	PROP	
SAURATOWN MT	N4QLX	53.210	-		
SOPHIA/RANDLEMAN	WR4BEG	53.350	-		
THOMASVILLE	KE4QOX	53.010	-	T88.5	
THOMASVILLE	WW4DC	53.170	-	88.5	☺
THOMASVILLE	WW4DC	52.525	+	T88.5	☺
W. JEFFERSON	AB4JJ	53.330	-	T100.0	☺
WILLIAMSTON	K4SER	53.310	-		☺
WILMINGTON	AD4DN	53.430	-	T88.5	☺
YOUNGSVILLE	KD4MYE	53.370	-	T	☺

2 METERS

AHOSKIE	WB4YNF	145.130	-		
AHOSKIE	WA4ZGQ	146.910	-	T131.8	☺
ALBEMARLE	K4OGB	146.985	-		☺
ANDRWS/ROBNSVL	K4AIH	147.045	-	T151.4	☺
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	☺
AQUADALE	WA4CHZ	147.390	+		
ASHEBORO	KJ4AV	147.255	+		
#ASHEVILLE	WB4PLA	146.835	-	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760	-		☺
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	
BAKERSVILLE	KC4WPM	145.310	-		
BALD CREEK	N1BEC	147.045	+		
BENSON	KD4BJD	146.970	-		☺
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+	T103.5	☺
BREVARD	K4HXZ	147.135	+		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

#BREVARD/RICH MT	AG4AZ	147.030	+	UNCOR	
BROADWAY	K4ITL	147.105	+	T82.5	☺
BURGAW	KA4PAY	146.940	-		
BURLINGTON	K4FHB	146.670	-		☺
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	N4NCK	145.370	-		☺
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	
CANTON	W4DJB	146.805	+		
CARTHAGE	W2SE	147.240	+		☺
CHAPEL HILL	W4UNC	145.230	-	T107.2	☺
CHAPEL HILL	K4ITL	147.135	+	T82.5	☺
CHARLOTTE	W4BFB	145.230	-		☺
CHARLOTTE	W4BFB	145.290	-		☺
CHARLOTTE	WA4AOS	145.350	-		
CHARLOTTE	W4BFB	146.940	-		☺
CHARLOTTE	W4CQ	147.060	-		
CHARLOTTE	W4CQ	147.270	+		
CHINA GROVE	N4XO	145.410	-	136.5	☺
CLAREMONT	WB4SRV	147.225	+	T162.2	
CLAYTON	WB4IUY	147.390	+	T88.5	
CLINTON	W4TLP	146.790	-		☺
COINJOCK	WN3X	145.290	-	131.8	
COLUMBIA	KB4TOH	146.835	-	T131.8	☺
#CONCORD/KANNAP.	K4CEB	146.655	-	UNCOR	☺
CRDR MT/GASTONIA	WD4PLY	145.450	-		
CROSSNORE	KD4GLB	146.700	-	167.9	
#DOBSON	AD4T	146.925	-	UNCOR	
DUNN	N4CID	146.700	-		☺
DURHAM	WR4AGC	145.450	-		
DURHAM	WD4LDB	147.360	+		
EDEN/STONEVILLE	WA4QBG	147.390	+		
EFLAND	WA1YYN	147.180	+	T156.7	☺
ELIZABETH CITY	WA4VTX	146.655	-	131.8	☺
ELM CITY	K2IMO	145.150	-	T88.5	
FARMVILLE	K4ROK	145.270	-	T131.8	☺
FAYETTEVILLE	N4EWG	146.805	-		
FAYVLLE/CFARS	WB4YZF	146.910	-	100	
FAYVLLE/FT BRAGG.	W4LPL	147.330	+		
FOREST CITY	WA4BKU	146.670	-		
FOREST CITY	W4SIJ	147.240	+	T123.0	
FRANKLIN	NT4K	145.490	-		
FRANKLIN	W4GHZ	147.240	+	T151.4	☺
GASTONIA/CRWDR	K4GNC	146.805	-		
GASTONIA/SPCR MT	N4GAS	147.120	+		
GIBSONVILLE	WB4IKY	145.490	-	T107.2	☺
GOLDSBORO	KI4RK	145.330	-	100.0	☺
GOLDSBORO	K4CYP	146.850	-	T	☺
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-		☺
GREENSBORO	W4GG	145.250	-	T88.5	☺
GREENSBORO	K4GWH	146.760	-	T88.5	
GREENSBORO	KG4BTN	147.030	+	T131.8	
GREENSBORO	W4BUZ	147.210	+		
GREENVILLE	WD4JPQ	145.350	-	T131.8	
#GREENVILLE	KC4UMO	147.375	+	UNCOR	
GREENVL/ESTN NC	W4GDF	147.090	+		☺
GRIFTON	W4NBR	146.685	-	88.5	☺
HATTERAS ISLAND	K4OBX	145.150	-	T131.8	☺
HAW RIVER	KD4JFN	146.715	-	T107.2	
HENDERSONVILLE	WB4YAO	146.640	-	T100.0	☺
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC	WA4KNI	147.255	+		
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	☺
HIGH POINT	NC4AR	145.290	-	T88.5	☺
HIGH POINT	KB4BPV	146.835	+		
HIGH POINT	W4UA	147.165	+		☺
HILLSBOROUGH	WR4AGC	147.225	+		
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	W4YSB	147.300	+	T103.5	☺
KANNAPOLIS	N4JEX	147.300	+	T136.5	☺
KILL DEVIL HILLS	W4PCN	145.110	-	131.8	
KINSTON	W4OIX	145.470	-		☺
LAURINBURG	KI4RR	146.625	-		☺
LELAND	N4CTJ	145.170	-		
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	☺
LEXINGTON	N4LEX	145.310	-	T88.5	
LEXINGTON	K4IZM	146.910	-	T107.2	☺
LINCOLNTON	NC4LC	147.015	+	141.3	☺
#LUMBERTON	W4NHV	145.150	-	UNCOR	☺
LUMBERTON	W4NHV	147.045	+		☺
LUMBERTON	KD4PBK	147.165	+	T88.5	☺
LUMBERTON	W4PET	147.360	+		☺
MACO	WA4LED	147.060	+	T88.5	☺
MADISON	WA4IXW	147.345	+	T103.5	
MANTEO/WANCHES	W4ACY	146.940	-		
MARION	WD4PVE	146.985	-	118.8	
MIDWAY	KM4AR	145.270	-	T77.0	
MILLERS CREEK	N4GGN	146.715	-		☺
MONROE/UCARS	N4ZVN	145.390	-	T94.8	☺
MORGANTON	KC4QPR	146.745	-	94.8	☺
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	
MOUNT AIRY	N4XRY	146.970	-		
MT MITCHELL	WA4BVW	145.190	-		☺
MURPHY/STALCUP	KB4YSX	146.865	+	T151.4	☺
N. WILKESBORO	W4HF	145.370	-		
NEW BERN	W4EWN	146.610	-	T100.0	☺
NEWPORT	K4GRW	145.450	-		
NEWTON	K4CCR	147.075	+	T88.5	☺
ORIENTAL	W4SLH	147.210	+	T151.4	☺
OXFORD	N4NCK	145.170	-		☺
PITTSBORO	KD4JFN	147.075	+	T146.2	
RAEFORD	KU4W	145.430	-	100.0	☺
RALEIGH	W4RNC	145.130	-	T88.5	☺
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	WB4TQD	145.390	-	T82.5	☺
RALEIGH	W4BWC	145.490	-	T88.5	☺
RALEIGH	WB4TOP	146.610	-	T131.8	☺
RALEIGH	W4DW	146.640	-		☺
RALEIGH	W4BWC	146.730	-	T88.5	☺
RALEIGH	NC4SU	146.775	-	T88.5	☺
RALEIGH	WB4TQD	146.880	-		☺
RALEIGH	KD4MYE	147.015	+		☺
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH/BENSON	AK4H	147.270	+		☺
RED SPRINGS	W4MZP	147.300	+		☺
REIDSVILLE	N4IV	146.850	-	T103.5	
#ROANOKE RAPIDS	N4WFU	145.310	-	UNCOR	
ROANOKE RAPIDS	KB4DJT	147.030	+		☺
ROANOKE RAPIDS	K4ITL	147.150	+	PROP	☺
ROARING GAP	WB4PZA	146.820	-		☺
ROBBINSVILLE	N4GSM	145.110	-	T151.4	
ROCKINGHAM	K4RNC	146.955	-		☺
ROCKY MOUNT	KF4NOV	145.290	-	PROP	
ROCKY MOUNT	W4DCG	146.805	-	T118.8	☺
ROCKY MOUNT	WN4Z	147.120	+	131.8	☺
ROLESVILLE	KF4HFQ	147.315	+	T88.5	
ROSEBORO	K4ITL	145.310	-		☺
SALISBURY	W4EXU	146.730	-	T94.8	☺
SAURATOWN MT	W4NC	145.470	-	T100	
SAURATOWN MT	KG4ASL	146.790	-	T107.2	
SAURATOWN MT	K4MPJ	147.315	+	T100.0	☺
SHALLOTTE	K4PPD	145.370	-		☺
SHALLOTTE	K4PPD	147.315	+		☺
SHALLOTTE	K4PPD	147.390	+		☺
SHELBY	W4NYR	146.880	-		
SHELBY	W4NYR	147.345	+		
SOUTHPORT	W4ZU	146.775	-	100.0	☺
SPARTA/GREEN MT	K4QFQ	145.430	-		☺
STAR/BISCOE	KI4DH	147.090	+	100.0	☺
STATESVILLE	KE4WSX	146.685	-		☺
#STATESVILLE	KC4MJC	147.045	+	UNCOR	☺
SWANSBORO	KB2XI	146.760	-		☺
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	WW4DC	147.000	+	T88.5	☺
TRENTON	WB4TQD	145.210	-		☺
TRYON	KF4JVI	145.330	-		☺
WADESBORO	W4USH	146.835	-		
WASHINGTON	WA4TEP	147.345	+		☺
WAXHAW	WA4ZRS	146.865	+	T94.8	☺
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	N4DTR	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		☺
WILLIAMSTON	K4SER	145.410	-	T131.8	☺
WILMINGTON	AD4DN	146.670	-	T88.5	☺
WILMINGTON	W4VNK	146.730	-		☺
WILMINGTON	K4GMP	146.820	-	T88.5	☺
WILMINGTON	WA4US	147.135	+	T67.0	☺
WILMINGTON	AC4RC	147.180	+	T88.5	☺
WILSON	WB4THL	146.760	-	131.8	
WILSON	WB4IUY	147.300	+	T88.5	
WINSTON-SALEM	W4NC	146.640	-	T100	
YADKINVILLE	N4YSB	147.015	-		☺
YOUNGSVILLE	KD4MYE	145.110	-	88.5	☺

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-	T	☺
ASHEVILLE	WB4PLA	224.600	-		
ASHVL/MT PISGAH	WA4BVW	224.260	-		☺
BALD CREEK	N1BEC	224.120	-		
BANNER ELK	WA4NC	224.840	-	PROP	☺
BARIUM SPRINGS	WA4WRS	224.300	-		☺
BIG KNB/MARS HIL	KE4RQL	224.660	-	100.0	
BURNSVILLE	KD4WAR	224.740	-		
CANTON	N4DWU	224.820	-		☺
CHARLOTTE	W4BFB	224.400	-		☺
CHERRYVILLE	KC4ZTJ	224.960	-		
CLEMMONS	WB9SZL	224.700	-	T100.0	
DUNCAN	KM4TC	224.700	-	T88.5	
EDEN	N4IV	224.780	-	T103.5	
EFLAND	WA1YYN	224.660	-	T107.2	☺
FAYETTEVILLE	WB4YZF	224.560	-		
FRANKLIN	W4UWH	224.100	-	PROP	
GASTONIA	KC4IRA	224.620	-	T127.3	☺
GOLDSBORO	W3PS	224.960	-	T156.7	☺
GREENSBORO	WB4GUG	224.440	-	T107.2	☺
GREENSBORO	N4QVI	224.960	-		☺
GRIFTON	WA4DAN	224.840	-		☺
#GRIMESLAND	WB4PAC	224.360	-	UNCOR	
HAW RIVER	KD4JFN	224.620	-	T107.2	
HENDERSONVILLE	N4UQS	224.960	-		
HENDSVL/BERWLW	WA4KNI	224.240	-		
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
KERNERSVILLE	KD4LHP	224.820	-	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240	-	T107.2	
LENOIR/HIBRITN	KN4K	224.160	-		☺
LEXINGTON	KR4HJ	224.520	-	PROP	
LOCUST	KC4FWC	224.480	-		☺
MARSHALL	WA4TG	224.360	-	T	
MT MITCHELL	WA4BVW	224.540	-		☺
OXFORD	N4NCK	224.740	-		☺
PLYMOUTH	KB7BTU	224.760	-	T131.8	
RALEIGH	W4RNC	224.640	-		☺
ROCKY MOUNT	NF4C	224.220	-		☺
ROCKY MOUNT	KR4AA	224.580	-		☺
SALISBURY	W4EXU	224.760	-		☺
SHELBY	W4NYR	224.060	-		
SHELBY	KC4ZTJ	224.460	-		
SOPHIS/RANDLEMAN	WR4BEG	224.140	-	T	
THOMASVILLE	WW4DC	224.340	-	T88.5	☺
#THOMASVILLE	KC4KUL	224.600	-	UNCOR	
TRENTON	WA4DAN	224.720	-		☺
#WALKERTOWN	WA4RQF	224.580	-	UNCOR	☺
WALKERTOWN	WA4RQF	224.640	-		☺
WILMINGTON	WA4US	224.200	-	T	☺
WILMINGTON	AD4DN	224.500	-	T88.5	☺
WILMINGTON	WB4KPF	224.680	-		
ZEBULON	KD4WJD	224.800	-	T88.5	

440 MHZ

AHOSKIE	WB4YNF	444.200	+	T	
AIR BELLOWS GAP	WA4PXV	443.575	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	☺
ANDRWS/ROBINSVL	K4AIH	443.650	+	T	☺
ANDSN MT/DENVER	K4CCR	444.075	+	88.5	☺
APEX	KD4PBS	442.075	+	PROP	
ARCHDALE	KC4KUL	443.300	+		
ASHEBORO	WD4ICX	442.325	+		
ASHEBORO	KD4JYV	444.300	+	PROP	
ASHEBORO	KE4AQP	444.975	+		
ASHEVILLE	WA4TOG	442.550	+		☺
ASHEVILLE	KD4GEU	442.650	+		
ASHEVILLE	KF4TLA	443.275	+	T103.5	☺
AUBURN	N4ZCM	442.275	+		
BALD CREEK	N1BEC	444.875	+		
#BLADENBORO	KC4FWC	444.725	+	UNCOR	
#BOONE/RICH MT	KC4FWC	444.575	+	UNCOR	
BREVARD	AG4AZ	442.850	+		☺
BRYSON CITY	N0SU	443.400	+	T151.4	☺
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4JDR	444.775	+	T100.0	☺
CASTALIA	N4JEH	444.975	+	T107.2.	☺
CHAPEL HILL	W4UNC	442.150	+	T131.8	☺
CHAPEL HILL	W4UNC	443.475	+	T131.8	☺
CHARLOTTE	W4PPN	421.250	+		
CHARLOTTE	KD4OWV	443.950	+		
CHARLOTTE	W4CQ	444.450	+		
CHARLOTTE	W4BFB	444.600	+	T100.0	☺
CHARLOTTE	W4WBT	444.675	+		☺
CHARLOTTE	W4CQ	444.850	+		
CHERRY MTN	KG4JIA	442.500	+	94.8	☺
CHINA GROVE	N4JEX	443.250	+	T136.5	☺
CLAREMONT	WB4SRV	443.775	+	T118.8	
CLAYTON	K4JDR	444.150	+	PROP	☺
COLUMBIA	KB4TOH	443.300	+	131.8	☺
COLUMBUS	K4JLA	442.075	+	T103.5	☺
CONCORD	N6CLU	442.675	+	PROP	
CRAB CREEK TWP	KB4PQA	443.125	+		
CROWDER'S MT	KD4FRP	443.675	+		
DALLAS CHLT	KC4YOZ	443.850	+	T100.0	
DALLAS/CHLT	WA1WXL	444.950	+	T136.5	
DURHAM	WR4AGC	444.100	+		
DURHAM	KB4WGA	444.925	+	T156.7	☺
DURHAM TV HILL	KJ4SO	421.250	+		
EFLAND	WA1YYN	442.050	+	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300	+	131.8	☺
FAYETTEVILLE	WB4YZF	444.400	+	100HZ	
FOREST CITY	KC4IEV	443.300	+	T123.0	☺
FOREST CITY	KC4YOQ	444.400	+		
FRANKLIN	N4DTR	444.375	+	T131.8	
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	
GASTONIA/CRWDR	KC4YOT	444.750	+		☺
GASTONIA/SPCR MT	N4GAS	444.550	+		
GIBSONVILLE	WB4IKY	443.025	+	T107.2	☺
GIBSONVILLE	WB4IKY	444.350	+	T107.2	☺
GOLDSBORO	W3PS	443.050	+	T156.7	☺
GRAHAM	K4GWH	443.725	+	T156.7	
GRANTSBORO	KR4LO	444.350	+		☺
GREENSBORO	KO4AT	421.250	+		☺
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	
GREENSBORO	K4GWH	444.225	+	T146.2	
GREENSBORO	KG4BTN	444.475	+	107.2	
#GREENVILLE	WB4PMQ	444.800	+	UNCOR	☺
HATTERAS ISLAND	K4OBX	444.925	+	T131.8	☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

HAW RIVER	KD4JFN	443.775	+	T107.2	
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	PROP	☺
HENDERSONVILLE	WA4TOG	442.450	+		☺
HENDSVL/BERWLW	WA4KNI	444.250	+		
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	
HILLSBOROUGH	WA1YYN	443.950	+	PROP	☺
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	☺
KERNERSVILLE	KF4DAR	442.975	+	PROP	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	☺
KINSTON	N4HAJ	444.575	+	T88.5	
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	
LAKE GASTON	KF5TU	442.350	+	T100.HZ	
LENOIR/CAJAH MT	N4EUX	443.525	+		
LEXINGTON	KO0NTZ	442.275	+	T	
LEXINGTON	K4AE	442.425	+	T107.2	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	WD4ICX	444.500	+		
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LOCUST	WA4LBT	443.700	+		☺
LOUISBURG	N4EWS	444.250	+	88.5	
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	
MAYODAN	WA4WGY	443.975	+		
MCLEANSVILLE	WB4GUG	444.125	+	T	☺
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	N4ZVN	444.425	+	T94.8	☺
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	☺
MORGANTON	KC4QZL	443.800	+	T	☺
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	
MT MITCHELL	N4DWU	443.600	+		☺
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	KC4WXA	444.600	+		
PIKEVILLE	KI4RK	443.000	+	PROP	☺
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	
POLKVILLE	KC4ZTJ	444.975	+		
RALEIGH	K4OO	442.025	+	PROP	☺
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T156.7	☺
RALEIGH	NC4SU	442.675	+	100.0	☺
RALEIGH	WA4NNA	443.125	+		
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T88.5	☺
RALEIGH	K4GWH	444.825	+	T146.2	
RALEIGH	KD4RAA	444.875	+	T100.0	☺
REIDSVILLE	K4YEC	444.800	+	T107.2	☺
RES. TRIANGLE PK	WA1YYN	443.425	+	T156.7	☺
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
ROARING GAP	KC4XE	443.550	+		☺
#ROCKINGHAM	KC4FWC	443.825	+	UNCOR	
ROCKY MOUNT	N4JEH	443.700	+	T107.2	☺
ROCKY MOUNT	N4JEH	444.700	+		☺
ROCKY MOUNT	KG4IWI	444.725	+	PROP	☺
ROLESVILLE	KF4HFQ	444.950	+	PROP	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	156.7	☺
SALISBURY	W4HG	443.150	+	T136.5	
#SALISBURY	KJ4HF	444.650	+	UNCOR	☺
SAURATOWN MT	WA1YYN	442.825	+	PROP	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	☺
SAURATOWN MT	WB4GUG	443.400	+	T107.2	☺
SELMA	KI4RK	444.000	+		☺
#SHELBY	W4NYR	427.250	+	UNCOR	
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
SPIVEY'S CORNER	KD4DMS	442.875	+		
#STANFIELD	KC4FWC	443.200	+	UNCOR	☺
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	PROP	
TARBORO	N4JEH	444.500	+	T100.0	☺
TAYLORSVILLE	W4ERT	441.625	+	T151.4	
TAYLORSVILLE	W4ERT	441.725	+	PROP	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	☺
#WALKERTOWN	WA4RQF	444.775	+	UNCOR	☺
WAXHAW	WA4ZRS	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
WENTWORTH	N4IV	442.100	+	PROP	
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	☺
WHITAKER MTN	WA4QFV	444.325	+		
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	☺
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	K4GMP	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	☺
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	KU4MC	442.575	+	PROP	
WINSTON-SALEM	W4NC	444.275	+	PROP	
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	☺
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KD2LH	443.200	+	T88.5	☺
ZEBULON	KD4WJD	442.400	+		

920 MHZ

RALEIGH	W4FAL	920.800	-	T94.8	☺

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
CONCORD	N6CLU	1285.000	-	PROP	
GASTONIA/CRWDR	AG4EI	1292.820	-		
WILMINGTON	AD4DN	1291.410	-	88.5	☺

SOUTH CAROLINA

10 METERS

SUMTER	W4GL	29.660	-		☺

6 METERS

BISHOPVILLE	K4NOC	53.090	-		
CHESTER	KF4SXO	53.290	-		
COLUMBIA	N5CWH	53.270	-	T162.2	☺
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	☺
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
ORANGEBURG	AD4U	53.210	-		☺
SUMTER	W4GL	53.770	-		☺
WALTERBORO	KG4BZN	53.310	-	PROP	

2 METERS

ADAMS RUN (CHAS)	KF4CDR	147.345	+	T	☺
AIKEN	KY4S	145.170	-		☺
AIKEN	N4ADM	147.285	+		☺
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		☺
AWENDAW	K4LWS	147.300	+	T103.5	
BAMBERG	WA4DFP	145.330	-		☺
BARNWELL	KF4CVO	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KOJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	
BISHOPVILLE	W4APE	146.925	-		☺
CAMDEN	KT4NZ	146.820	-	PROP	
CHARLESTON	WA4USN	145.250	-	123.0	☺
CHARLESTON	WA4USN	146.790	-		☺
CHARLESTON	KT4YW	146.835	-		
CHARLESTON	KF4CDR	146.940	-		☺
CHARLESTON AREA	W4ANK	147.270	+		
CHERAW	W4APE	145.490	-		☺
CHESTER	W4CHR	145.310	-		☺
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	KF4GPE	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N5CWH	145.270	-	T127.3	☺
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	NN4N	146.745	-		
EASTOVER	KT4BU	147.075	+	T156.7	
ELLOREE	KC4WIF	146.610	-	T118.8	
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-		
FLORENCE	W4APE	147.195	+		☺
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		☺
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	KN4RG	145.470	-	T141.3	☺
GEORGETOWN	KI4CB	147.375	+		☺
GILBERT	N5CWH	146.655	-	PROP	
GREELEYVILLE	KG4AQH	145.230	-		☺
GREENVILLE	W4IQQ	146.940	-		☺
GREENWOOD	W4JAK	145.130	-	123.0	☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺
GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
INMAN	K8HID	145.150	-		
JACKSON	W4ZKM	145.450	-	PROP	☺
LANCASTER	W4PAX	146.700	-		☺
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	☺
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		☺
LITTLE MT.	K4AVU	147.210	+		
MARION	KD4HTW	147.000	-		☺
MONCKS CORNER	WD4NUN	147.150	+	T	☺
MOUNTAIN REST	KU4OL	147.030	-		
MT PLEASANT	K4ESG	146.760	-	T	
MT. PLEASANT	N7GZT	145.450	-	T	
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		☺
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	W4GS	147.120	+		☺
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	K4NMB	147.030	+	UNCOR	
N. SPARTANBURG	N4UZT	147.315	+	T141.3	
ORANGEBURG	KF4ATU	146.805	-	T156.7	☺
ORANGEBURG	N7GZT	146.880	-	T	
ORANGEBURG	KF4ATU	147.090	+	T156.7	☺
PAGELAND	W4APE	146.895	-		☺
PALMETTO	KB4RRC	147.345	+	PROP	
PICKENS	WT4F	146.700	-	107.2	☺
PICKENS	WB4YXZ	147.000	-		
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SENECA/LONG MT	WA4JRJ	147.270	+		
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SPARTANBURG	K4JLA	147.090	+		
ST. GEORGE	K4ILT	147.045	+	123.7	
ST. GEORGE	W4DTW	147.225	+		☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	☺
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W4HNK	147.180	+	123.0	☺
SUMTER	K4JR	145.130	-		
SUMTER	K4JR	145.430	-	PROP	
SUMTER	W4GL	146.640	-		☺
SUMTER	W4GL	147.015	+	156.7	☺
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.250	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	147.135	+	T	
WHITE HALL	WA4SJS	146.910	-		☺
#WHITE OAK MTN	W4RCW	147.285	+	UNCOR	☺

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		
CHARLESTON	KA4NRL	224.180	-		
COLUMBIA	N7GZT	224.160	-		
COLUMBIA	N5CWH	224.560	-	T162.2	☺
COLUMBIA	KC4SWI	224.640	-		
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		
FORT MILL	WZ4SC	224.800	-		☺
GAFF/THICKETY MT	KG4JIA	224.500	-	PROP	
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LITTLE MTN	K4RWN	224.520	-		
ORANGEBURG	KO4BR	224.780	-		
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		☺
SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		

440 MHZ

AIKEN	AC4WW	443.400	+	T107.2	☺
ANDERSON	KD4HEY	442.750	+	PROP	
BISHOPVILLE	K4NOC	444.500	+	123.0	
#BLUFFTON	WA4MPZ	442.675	+	UNCOR	☺
CHARLESTON	KF4CDR	442.775	+	T	☺
CHARLESTON	N4MNH	444.300	+		☺
CHARLESTON	KD4PBC	444.950	+	103.5	
CLEMSON UNIV.	WD4EOG	444.625	+	T156.7	
CLOVER	KC4KPJ	443.725	+	PROP	☺
COLUMBIA	N7GZT	442.200	+	162.2	
COLUMBIA	N4EOY	443.000	+		
COLUMBIA	N5CWH	443.500	+	162.2	☺
COLUMBIA	KF4GHC	444.200	+	T156.7	☺
COWPENS	KE4EAN	443.625	+	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925	+	T103.5	
FLORENCE	W4ULH	444.000	+		
FORT MILL	WZ4SC	443.475	+		☺
GAFFNEY	KC4IEV	442.000	+	114.8	☺
GREELEYVILLE	KG4AQH	441.525	+	PROP	
GREENVILLE	KB4PQA	442.250	+		
GREENWOOD	W4GWD	443.900	+	107.2	☺
GRNVLE/PARIS MT	ND4N	443.350	+		☺
KNIGHTSVILLE	WA4USN	441.350	+		
LANCASTER	KC4AC	444.100	+		
LAURENS	KD4HLH	443.175	+	T146.2	☺
LAURENS	KF4Y	443.775	+	T141.3	☺
LEXINGTON	N4GUP	421.250	+		
LIBERTY	N4VDE	443.975	+	PROP	
LITTLE MOUNTAIN	N4UHF	444.650	+	PROP	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

S. CAROLINA REPEATERS CONTINUE

LITTLE MT	NK4W	442.975	+	T162.2	
MOUNTAIN REST	AE4PZ	442.775	+	T127.3	☺
MT. PLEASANT	WA4USN	441.450	+	PROP	
MYB BCH/BRKSVIL	N4LV	444.525	+		
MYR BCH/CONWAY	W4GS	444.675	+	T85.4	☺
MYRTLE BEACH	K2PJ	444.575	+	85.4	☺
NO. CHARLESTON	KT4YW	444.600	+		
ORANGEBURG	N7GZT	442.200	+	T	
ORANGEBURG	N7GZT	444.875	+		
ORANGEBURG	WM3O	444.975	+		☺
PICKENS	WT4F	442.125	+		☺
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	☺
ROCK HILL	KC4KPJ	444.725	+	PROP	☺
SIMPSONVILLE	N4GLB	442.725	+		☺
SUMMERVILLE	KC4ED	442.300	+	T	
SUMMERVILLE	W4HNK	443.800	+		☺
SUMTER	WZ4O	421.250	+		
SUMTER	W4GL	444.150	+	123.0	☺
UNION	K4USC	442.100	+	PROP	☺
WALTERBORO	KG4BZN	444.550	+	PROP	

TENNESSEE

BEACONS

GREENEVILLE	WB4NKM	222.058	-		

10 METERS

GALLATIN/BNA	W4CAT	29.640	-	T107.2	☺
GREENEVILLE	WB4NKM	29.640	-		
MEMPHIS	W4ZJM	29.620	-	T*#	
SPRINGFIELD	N8ITF	29.680	-	88.5	
TELLICO PLAINS	AJ4D	29.620	-	PROP	

6 METERS

CHATTANOOGA	K4VCM	53.350	-		☺
COOKEVILLE	WA4UCE	53.190	-	PROP	☺
DRESDEN	KE4OVN	53.710	-	T107.2	
GALLATIN	WA4BGK	53.050	-	T114.8	
GEORGETOWN	WD4OAR	53.730	-	PROP	
GUTHRIE (TN/KY)	KA4ZKL	53.230	-		
KINGSPORT	K4GX	53.430	-	PROP	
#KNOXVILLE	WA4YON	53.250	-	UNCOR	
KNOXVILLE	N4OQJ	53.550	-	PROP	
KNOXVILLE	W4BBB	53.770	-	1000.0	☺
KNXVL/ENG MT	WB4IOB	53.150	-		☺
LAFOLLETTE	K4BGW	53.170	-	PROP	
MARYVILLE	KC4PDQ	53.370	-		
MEMPHIS	WA4KOG	53.010	-		
MEMPHIS	K4RDK	53.550	-		
MEMPHIS	W4GMM	53.930	-	T107.2	☺
MONTEAGLE MTN	NQ4Y	53.450	-	114.8	☺
MORRISTOWN	KF4FTD	53.030	-	PROP	
MORRISTOWN	KQ4E	53.230	-		
NASHVILLE	WA4BGK	53.010	-	T114.8	
NASHVILLE	N4ARK	145.210	-		☺
OAK RIDGE	WD4GYN	53.110	-		
ROAN MTN	KD4SQB	53.310	-		
#ROGERSVILLE	K4GX	53.750	-	UNCOR	
SPRINGFIELD	N8ITF	53.150	-	107.2	
WAVERLY	NO4Q	53.090	-		☺

2 METERS

ALAMO	WB4EDS	147.135	+		
ANDERSON CTY	KF4BVQ	146.700	-	T100.0	☺
ARNOLD A.F.B.	KC4FV	147.195	+		☺
ATHENS	KG4FZR	145.150	-	T141.3	☺
ATHENS	WA4PNI	145.310	-	T141.3	☺
BENTON	K4SIR	145.450	-	T	
BLOUNTVILLE	W4CBX	147.000	+		☺
BOLIVAR	WD4OZN	147.045	+		☺
BRADEN	WA4KOG	145.490	-		
BRISTOL	W4UD	146.670	-		☺
BRISTOL	WD4CYZ	146.880	-		
BROWNSVILLE	KB4YTU	145.430	-		
BROWNSVILLE	KD4AOK	146.655	-		
BRSTL/HOLSTN MT	K4JP	146.760	-		
BRUCETON	WF4Q	145.170	-	T107.2	☺
BUCKSNORT	WF4Q	145.430	-	T107.2	☺
CARLISLE	KT4WS	145.250	-		☺
CARTHAGE	N4OTT	145.190	-		☺
CHARLESTON	KD4LDU	147.060	-	T141.3	
CHATTANOOGA	K4CMY	145.130	-		☺
CHATTANOOGA	W4AM	145.290	-	T118.8	☺
CHATTANOOGA	W4AM	145.390	-		☺
CHATTANOOGA	W4AM	146.610	-		☺
CHATTANOOGA	W4AM	146.790	-		☺
CLARKSVILLE	WD4SGA	147.000	+		☺
#CLARKSVILLE	KF4L	147.390	+	UNCOR	
CLEVELAND	W4GZX	146.925	-		☺
CLEVELAND	KD4NED	147.105	+	PROP	☺
CLEVELAND	WD4DES	147.180	+	T118.8	☺
COLLEGEDALE	KA6UHV	147.000	+	T131.8	☺
COLLIERVILLE	WT4E	145.330	-	PROP	☺
COLUMBIA	W4GGM	147.120	+	T127.3	☺
COOKEVILLE	NQ4Y	145.110	-		☺
COOKEVILLE	WA4UCE	145.430	-		☺
COOKEVILLE	N4WS	147.210	+		☺
CORNERSVILLE	WB4VXX	146.625	-	107.2	
#CORNERSVILLE	KF4TNP	146.805	-	UNCOR	
CROSS PLAINS	K4BBN	147.345	+		☺
CROSSVILLE	W4EYJ	146.805	-	131.8	
CROSSVILLE	KF4DPU	146.865	-		
CROSSVILLE	KF4HNV	146.895	-	PROP	
CUMBERLAND CITY	WD4DBJ	145.330	-		
CUMBERLAND CITY	WA4TLZ	146.925	-	T127.3	
DANDRIDGE	WD4EGD	146.895	-	T	
DAYTON	K4PHT	147.345	+		
DAYTON/RHEA CTY	K4DPD	147.390	+		☺
DICKSON	KN4HL	147.375	+		☺
DOVER	N4VIH	145.410	-		
DRESDEN	KE4OVN	145.350	-	107.2	
DYERSBURG	WB4RCK	146.745	-		
ELIZTON/HOLS MT	KF4ZQA	145.290	-	T100.0	☺
ERWIN/PINNACLE	N4WXS	145.250	-	T	
ERWIN/UNICOI	KF4BRS	147.165	+		
EVA	AD4QG	147.090	+		
FAYETTEVILLE	W4BV	147.030	+		☺
FRANKLIN	W4XS	145.150	-		
FRANKLIN	WA4JA	147.255	+		
FRUITLAND	WF4Q	146.775	-	T107.2	☺
GALLATIN	W4LKZ	147.240	+	T114.8	
GALLATIN	WA4YQC	147.270	+	T114.8	
GALLATIN	W4CAT	147.300	+	T114.8	☺
GERMANTOWN	W2GLJ	145.210	-		☺
GRAY	WM4T	145.110	-		
GREENBRIER	WQ4E	147.075	+	T107.2	
GREENEVILLE	W4WC	145.390	-		☺
GREENEVILLE	KB4UG	147.060	+	186.2	
GRNVL/VIKING MT	K4MFD	145.410	-	T173.8	☺
GTLBG/COVE MTN	WA4KJH	146.850	-	T127.3	
HARRIMAN	KA4QYI	146.640	-	T100.0	☺
HARRIMAN	KC4WHL	146.745	-		
HENDERSON	K4TC	147.105	+	T	☺
HUNTINGDON	KB4YTM	146.835	-		
JACKSON	KF4SC	145.310	-		☺
JACKSON	WF4Q	147.210	+	T107.2	☺
JACKSON	WB0TMC	147.270	+		
JAMESTOWN	K4NLP	147.090	+	T100.0	☺
JASPER	KD4XV	145.190	-	T127.3	☺
JOHNSON CITY	W4ABR	146.790	-		☺
JOHNSON CITY	KE4FH	147.270	+		
JONESBOROUGH	WD4OBW	146.925	-		☺
KNGSPT/BAYS MT	W4TRC	146.970	-		
KNOXVILLE	WB4GBI	145.170	-		
KNOXVILLE	WA4TEM	145.330	-		☺
KNOXVILLE	KB4KIE	145.370	-		
KNOXVILLE	WB4YLC	145.430	-		☺
KNOXVILLE	WB4GBI	145.470	-		
KNOXVILLE	WB4GBI	146.625	-	T100.0	
KNOXVILLE	KC4ROG	146.910	-	T	
KNOXVILLE	WB4GBI	146.940	-		
#KNOXVILLE	KD4CWB	147.000	-	UNCOR	
KNOXVILLE	WB4GBI	147.075	+		
KNOXVILLE	KD4CWB	147.195	+	PROP	
KNOXVILLE/RACK	W4BBB	145.210	-	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300	+	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730	-		☺
LAFAYETTE	KC4ECD	145.310	-	T151.4	☺
LAFOLLETTE	KA4OAK	145.130	-		
LAFOLLETTE	K4BGW	146.670	-		☺
LAFOLLETTE	KA4OAK	147.360	+		
LAKE CITY	WB4OAH	146.820	-		
LAVERNE	W4CAT	145.230	-		☺
LAWRENCEBURG	W4RDM	146.655	-	T	
LEBANON	WB4DOR	145.390	-		
LEBANON	W4LYR	147.105	+	T100.0	☺
#LEWISBURG	WB4VXX	147.390	+	UNCOR	☺
LIVINGSTON	W5BAK	147.045	+		☺
MANCHESTER	W4UOT	146.700	-	T114.8	☺
MARTIN	N4ABU	146.625	-		
MARYVILLE/ALCOA	W4OLB	146.655	-		☺
MAYNARDVILLE	KB4KIE	145.230	-		
MCEWEN	NO4Q	147.225	+		☺
MCMINNVILLE	WD4MWQ	146.970	-		
MCMINVL/SHT MT	WB4LHO	145.490	-		
MCNAIRY	WF4Q	147.075	+	T107.2	☺
MEDINA	WA4RWK	146.970	-		
MEMPHIS	KF4ATY	145.130	-	T107.2	
MEMPHIS	K0JXI	145.150	-		
MEMPHIS	K5FE	145.410	-	T107.2	
MEMPHIS	WA4KOG	145.450	-		
MEMPHIS	WB4KQQ	146.640	-		
MEMPHIS	KE4LFZ	146.730	-	T107.2	☺
MEMPHIS	W4KIB	146.790	-	T107.2	
MEMPHIS	W4BS	146.820	-	T	
MEMPHIS	WA4KOG	146.850	-		
MEMPHIS	WA4KOG	146.880	-		
MEMPHIS	N4BSM	146.940	-	T107.2	
MEMPHIS	W4ZJM	147.000	-	T*#	
MEMPHIS	W4EM	147.030	+		☺
MEMPHIS	WA4MQQ	147.060	+		
MEMPHIS	W4GMM	147.090	+	T107.2	☺
MEMPHIS	N4WAH	147.120	+	T107.2	
MEMPHIS	WA4KOG	147.180	+		
MEMPHIS	WA4ADT	147.300	+	107.2	
MEMPHIS	W4BS	147.360	+	T107.2	
MONTEAGLE MTN	NQ4Y	145.410	-	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	
MORRISTOWN	KQ4E	145.450	-		
MORRISTOWN	KQ4E	147.030	+		
MORRISTOWN	WB4OAH	147.225	+		
#MORRISTOWN	KQ4E	147.390	+	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470	-	103.5	☺
#MT PLEASANT	KF4GHD	145.450	-	UNCOR	☺
MURFREESBORO	WB4LHO	145.170	-		
NASHVILLE	KC4WPS	145.130	-	T114.8	☺
NASHVILLE	N4ARK	52.525	+		☺
NASHVILLE	N4ARK	145.210	-		☺
NASHVILLE	WR3S	145.370	-		☺
NASHVILLE	N4ARK	145.470	-		☺
NASHVILLE	WA4PCD	146.610	-	T	
NASHVILLE	AF4TZ	146.640	-	T114.8	☺
NASHVILLE	AF4TZ	146.670	-	T114.8	☺
NASHVILLE	WA4PCD	146.760	-	T114.8	
NASHVILLE	W4SQE	146.790	-	T	☺
NASHVILLE	W4AY	146.850	-	T114.8	☺
NASHVILLE	WA4PCD	146.880	-	T	
#NASHVILLE	NT4L	146.955	-	UNCOR	
NASHVILLE	KC4PRD	146.985	-		
NASHVILLE	AF4TZ	147.015	+	T	☺
NASHVILLE	K4AYN	147.045	+		
NASHVILLE	K4ZGA	147.180	+	T114.8	
NASHVILLE	AF4TZ	147.360	+	T	☺
NASHVILLE WEST	WA4PCD	147.150	+	T114.8	
NASHVL/FAIRVIEW	N4ARK	145.110	-	151.4	☺
NOLENSVILLE	WD4JYD	145.350	-	114.8	☺
OAK RIDGE	W4SKH	146.880	-		☺
OAK RIDGE	W4SKH	146.970	-		☺
OAK RIDGE	K4EAJ	147.120	+	T82.5	☺
OAK RIDGE	K4EAJ	147.150	+	T82.5	☺
OAKFIELD	WA4BJY	147.390	+	T	
#ONEIDA	KB4PNG	146.820	-	UNCOR	☺
ONEIDA	KB4PNG	145.350	-	PROP	☺
PARIS	K4KLX	147.360	+		
PETROS/FRZ HD MT	KJ4SI	147.255	+		☺
PIGEON FORGE	KD4CLA	145.270	-	T100.0	
PIKEVILLE	KF4JPT	147.285	+		
PULASKI	WD4RBJ	147.330	+	100.0	☺
PULASKI/MUSIC MT	W4JVO	146.775	-		
PURYEAR	WA4CEX	147.165	+		
RAMER	WB4MMI	146.700	-	T107.2	☺
RCKWD/MT ROSVLT	AA4KS	147.015	+		☺
RIDGETOP	K4DXC	145.290	-	114.8	☺
RIPLEY	KE4NTL	145.230	-	T100.0	☺
ROGERSVILLE	KD4HZN	147.315	+	T114.8	
SALTILLO	KB4JUB	146.715	-		
SARDIS	AF4OQ	147.195	+	T94.8	
SELMER	WB4MMI	146.805	-	T107.2	☺
SHELBYVILLE	N4VFB	147.060	+		
SHILOH	WF4Q	145.290	-	T107.2	☺
SHORT MTN	W4YXA	146.910	-		
SOMERVILLE	KF4OID	145.110	-	107.2	
SPARTA	N4ARK	147.315	+	T123.0	☺
SPARTA/WHITE	KR4BT	147.165	+	T123.0	☺
TELLICO PLAINS	AJ4D	147.315	+	T141.3	
TRENTON	KN4KP	146.865	-		
UNION CITY	WA4YGM	146.700	-		
UNION CITY	WF4Q	147.015	+	T107.2	☺
WALLAND	KF4ARH	146.685	-	T88.5	
WARTBURG	AA4YQ	146.745	-	PROP	
WATERTOWN	K4EHL	146.730	-	T100.0	☺
WATERTOWN	W4LYR	146.835	-	T100.0	☺
WINCHESTER	W4UOT	146.820	-		☺

220 MHZ

BLOUNTVILLE	W4CBX	224.200	-		☺
CHATTANOOGA	K4VCM	224.780	-		☺
CLEVELAND	KK4US	224.320	-		
COALFIELD	KC4WGH	224.840	-	T88.5	☺
COLLIERVILLE	KB4YGI	224.400	-		
ERWIN	KB8FPK	224.180	-	88.5	☺
GALLATIN	W4CAT	223.980	-	107.2	☺
GALLATIN	KD4VUW	224.700	-		
GATLINBURG	W4UWH	224.620	-		
GREENBRIAR	WQ4E	224.800	-		
GREENBRIER	WQ4E	224.760	-		
GREENEVILLE	WB4NKM	224.940	-		
HERMITAGE	WB4SJV	223.900	-		
JC/BUFFALO MT	KE4FH	224.780	-		
KNOXVILLE	WB4GBI	224.340	-	PROP	
KNOXVILLE	N4OQJ	224.380	-	100.0	
KNOXVILLE	N4KFI	224.580	-	T103.5	
KNOXVILLE	K4PCK	224.760	-		☺
KNOXVILLE/RACK	W4BBB	224.500	-	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220	-	T100.0	
LAFOLLETTE	KA4OAK	224.280	-		
LAVERGNE	WR3S	224.360	-		☺
LEWISBURG	KF4TNP	224.100	-		
MEMPHIS	W4ZJM	223.940	-	T*#	
MEMPHIS	W4BS	224.420	-		
MEMPHIS	WA4KOG	224.780	-		
MORRISTOWN	N4RBB	224.400	-		
MORRISTOWN	KC4RGQ	224.640	-		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

MURFREESBORO	KD4TZZ	224.600	-	123.0	☺
NASHVILLE	WR3S	224.160	-		
#NASHVILLE	KC4TFQ	224.440	-	UNCOR	
NASHVILLE	WR3S	224.460	-		
NASHVILLE	K4ZGA	224.480	-		
NASHVILLE	WR3S	224.660	-		
NASHVILLE	N4PYI	224.740	-	T100.0	☺
NASHVILLE	KC4PRD	224.840	-		
NASHVILLE	WA4PCD	224.940	-	T	
NEWPORT	AC4JF	224.560	-	T100.0	☺
ONEIDA	KB4PNG	224.140	-		☺
ROGERSVILLE	KD4HZN	224.480	-	PROP	
S. PITTSBURG	WR3S	224.760	-		
SE NASHVILLE	WR3S	224.960	-		
SEVIERVILLE	N2FUV	224.440	-	T	
SEVIERVILLE	KD4IBW	224.700	-	T100.0	
SEVIERVILLE	KD4IBW	224.800	-		
SHORT MTN.	N4PYI	224.260	-	T114.8	☺
SIGNAL MT	W4RRG	224.920	-	PROP	☺
SMITHVILLE	WR3S	223.960	-		☺
SPRINGFIELD	KO4BN	224.220	-		
SPRINGFIELD	N8ITF	224.540	-	107.2	
SWEETWATER	WD9JGI	224.900	-	T127.3	

440 MHZ

ALAMO	WB4EDS	443.750	+		
ARNOLD A.F.B.	KC4FV	443.950	+		☺
BARTLETT	K4VVM	443.700	+	T107.2	
BARTLETT	WA4PAJ	444.250	+		
BIG SANDY	W4TLB	443.600	+	114.8	☺
BRSTL/HOLSTN MT	K4JP	444.500	+		
CHAT/MNTLAKE MT	KD4UWA	444.875	+	T156.7	
CHAT/WALDEN	AF4ZJ	442.425	+		
CHATT/HIXSON	N4WT	442.900	+		☺
CHATTANOOGA	WJ9J	442.150	+		☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	WB4LRD	443.550	+		
CHATTANOOGA	KD4MSS	443.750	+	PROP	
CHATTANOOGA	KD4HII	443.900	+	T	
CHATTANOOGA	W4AM	444.100	+		☺
CHATTANOOGA	KE4LQY	444.150	+		☺
CHATTANOOGA	KD4HII	444.200	+	T	
CLARKSVILLE	WA4BZU	444.325	+	T107.2	☺
CLARKSVILLE	KF4GP	444.950	+	T167.9	
CLEVELAND	WD4DES	442.250	+	T118.8	☺
CLEVELAND	KD4NEB	442.450	+	T88.5	
CLEVELAND	W4GZX	444.275	+		☺
COLLEGEDALE	KA6UHV	443.575	+	T131.8	☺
COLLIERVILLE	KA7UEC	443.300	+	107.2	☺
COLLIERVILLE	KA7UEC	443.625	+	T107.2	☺
COLLIERVILLE	WT4E	444.625	+	T107.2	☺
COLUMBIA	W4RDM	442.725	+		
COLUMBIA	WA4AKM	444.925	+	T107.2	☺
COOKEVILLE	WA4UCE	442.300	+	107.2	☺
COOKEVILLE	NQ4Y	444.550	+	T107.2	☺
COOKEVILLE	WS4S	444.600	+	T107.2	
CROSSVILLE	W4EYJ	444.950	+	T118.8	
CUMBERLAND CITY	WD4DBJ	443.400	+		
DAYTON	KJ4BJ	442.075	+		☺
DEASON	WA4AWI	443.350	+	T107.2	
DECATUR	KE4MBR	442.725	+	PROP	
DOVER	N4VIH	444.925	+		
DRESDEN	KA4BNI	442.150	+	107.2	☺
DRESDEN	KE4OVN	443.850	+	T107.2	
ETOWAH	KF4CFO	442.275	+	141.3	☺
EVA	AD4QG	443.625	+		
FRANKLIN	N4ULM	443.850	+		
FRANKLIN	WA4AKM	444.725	+	T107.2	☺
GALLATIN	WD4BKY	444.000	+	T107.2	
GALLATIN	WD4BKY	444.350	+	T114.8	
GALLATIN	W4CAT	444.450	+	T107.2	☺
GALLATIN	WA4AKM	444.775	+	T107.2	☺
GATLBG/COVE MT	WA4KJH	443.300	+	T127.3	
GERMANTOWN	W2GLJ	444.175	+		☺
GOODLETTSVILLE	KC4PRD	443.125	+	107.2	
GRAY	WM4T	442.200	+	T100.0	
GREENBRIER	WQ4E	444.250	+		
GREENEVILLE	W4WC	443.200	+	100.0	
GREENEVILLE	WB4NKM	444.650	+	T100.0	
GREENEVILLE	K4GX	444.950	+	PROP	
HARRIMAN	KC4WHL	442.875	+	T136.5	
HARRIMAN	KC4WHL	444.025	+		
HENDERSON	KE4PFW	442.275	+		
HENDERSON	K4TC	444.750	+	T	☺
HICKORY VALLEY	KA4JXT	443.125	+	107.2	☺
HIXSON	KF4VWJ	444.750	+	PROP	
HOHENWALD	WB4NNX	442.000	+		☺
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KA4BNI	442.425	+	107.2	
JACKSON	KE4CES	442.900	+	T114.8	☺
JACKSON	WB0TMC	444.725	+	T107.2	
JAMESTOWN	KC4MJN	443.625	+	T100.0	
JASPER	KD4XV	442.050	+	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	KE4FH	444.100	+		
JOHNSON CITY/BUF	WD4ATV	421.250	+		☺
JOHNSON CITY/HOL	WB4SQC	442.050	+	T100.0	☺
KNOX/ENGLSH MT	WB4HAP	444.600	+		☺
KNOXVILLE	WB4HAP	442.500	+	T103.5	☺
KNOXVILLE	N4UAG	443.025	+		
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	
KNOXVILLE	KA4AZQ	443.800	+	T100.0	
KNOXVILLE	KD4OBX	443.950	+		
KNOXVILLE	KD4CWB	444.000	+	PROP	
KNOXVILLE	KC4NNN	444.175	+	T	
KNOXVILLE	WB4GBI	444.300	+		
KNOXVILLE	KB4KSL	444.325	+		
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KD4IBW	444.525	+	T100.0	
KNOXVILLE	KD4TZD	444.925	+		☺
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	☺
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		☺
LAKE CITY	WD4LUR	442.800	+	T100.0	
LAVERGNE	WR3S	443.975	+	T	
LEBANON	WA4AWI	443.275	+	T107.2	
LEBANON	W4LYR	443.575	+	T100.0	☺
LEBANON	WA4AXH	444.275	+	T	
LEWISBURG	KF4TNP	442.100	+	107.2	
LEWISBURG	KG4JJB	444.075	+	107.2	
LEXINGTON	KA4BNI	442.075	+	107.2	
LORETTO	KF4OCK	442.875	+	203.5	
MARYVILLE	K4BTL	442.000	+		
MARYVILLE	KC4PDQ	444.075	+	100.0	
MARYVILLE	KE4FGW	444.825	+	T100.0	☺
MCEWEN	KE4KNZ	443.925	+	T	
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MCNAIRY	WF4Q	444.550	+	T107.2	☺
MEDINA	WA4BJY	442.050	+		
MEMPHIS	W4GMM	442.175	+	T107.2	☺
MEMPHIS	NU5O	442.575	+	77.0	☺
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	
MEMPHIS	KA4JXT	443.100	+	T107.2	☺
MEMPHIS	KA4JXT	443.125	+	T	☺
MEMPHIS	W4BS	443.200	+	T107.2	
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+	107.2	
MEMPHIS	KA4JXT	444.100	+	T	☺
MEMPHIS	KA4JXT	444.125	+	T	☺
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+	107.2	
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MONROE CO	KG4KIJ	443.725	+	PROP	
MONTEAGLE MT.	NQ4Y	441.250	+		☺
#MORRISTOWN	KD4LP	444.800	+	UNCOR	
MORRISTOWN	KQ4E	444.975	+	T	
MOUNTAIN CITY	K4DHT	443.925	+	T103.5	☺
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	T156.7	☺
MT PLEASANT	KF4TNP	443.175	+	107.2	
MURFREESBORO	KD4TZZ	441.875	+	107.2	☺
NASHVILLE	AF4TZ	421.250	+		☺
#NASHVILLE	WB4PUB	443.050	+	UNCOR	
NASHVILLE	KB5YJC	443.725	+	107.2	☺
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	AF4TZ	444.150	+	T107.2	☺
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T114.8	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	☺
NASHVILLE	WA4BGK	444.525	+	T107.2	
NASHVILLE	WA4PCD	444.550	+		
NASHVILLE	WA4WCK	444.575	+	T	☺
NASHVILLE	WA4TOA	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	☺
NASHVILLE	WA4AKM	444.975	+	T107.2	☺
NOLENSVILLE	WA4AXH	443.650	+	T	
OAK RIDGE	K4EAJ	444.400	+	T82.5	☺
OAKFIELD	WA4BJY	442.200	+	T	
ONEIDA	KT4PN	442.825	+		
PARIS	KC4YLL	442.950	+	123.0	
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T156.7	
PROSPECT	WA4AUX	444.600	+	T118.8	
PULASKI	WD4RBJ	442.150	+	118.8	☺
RAMER	WB4MMI	444.900	+	T	☺
RCKWOOD/OZONE	WJ9J	442.225	+		☺
ROCKWOOD	KA4WJS	443.975	+		
ROGERSVILLE	K4GX	443.350	+	T	
SEVIERVILLE	KD4IBW	443.675	+	T100.0	
SEVIERVILLE	N4CKB	444.725	+	T123.0	☺
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	☺
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		☺
SPARTA	KR4BT	444.375	+	123.0	☺
SPENCER	KA4MHJ	443.775	+	123.0	☺
SPRINGFIELD	N8ITF	442.600	+	107.2	
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
WATERTOWN	W4LYR	444.900	+	T100.0	☺
WAVERLY	NO4Q	442.225	+	110.9	☺
WHITE HOUSE	W4KOC	443.900	+	T107.2	
WHITE OAK MT	WD4OAR	442.925	+	T100.0	

920 MHZ

LEWISBURG	KF4TNP	920.500	-	PROP	
MORRISTOWN	KQ4E	920.800	-		
NASHVILLE	K4ZGA	923.250	-		

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-	PROP	
MEMPHIS	N4HKS	1292.000	-		
NASHVILLE	WA4AKM	1284.400	-		☺
NASHVILLE	KD4EEW	439.250	+		
SMITHVILLE	WA4AKM	1286.500	-		☺

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660	-	T123.0	
NEWPORT NEWS	W4CM	29.600	+		
STERLING PARK	KD4DN	29.680	-		

6 METERS

ALEXANDRIA	W4HFH	53.130	-		
AMELIA	WB3R	53.390	-		
AMELIA COURTHSE	KB4YKV	53.110	-		
BALD TOP MT	AD4CG	53.910	-		
BEDFRD/THAX MT	N4CH	53.150	-		☺
BLUEFIELD	N8RIG	53.370	-	PROP	
BULLRUN	K8GP	53.450	-		
CHESTERFIELD	KD4SUU	53.430	-		
DANVILLE(DCC)	WB4GJG	53.130	-	T	
FANCY GAP	WA4CQK	53.290	-	T100.0	
GATE CITY	N4WWB	53.210	-		☺
GUM SPRING	KB4MIC	53.070	-	203.5	☺
HAMPTON	WA4OHX	53.890	-		
LEXNGTN/ROCK MT.	KI4ZR	53.010	-		☺
LYNCHBURG	KE4KEH	53.570	-	103.5	☺
MCCLEAN	K6LEW	53.370	-		
NEWPORT NEWS	KT4QW	53.250	-	T	☺
PEARISBURG	KE4JYN	53.470	-	T107.2	☺
RICE	KE4SFU	53.170	-		
ROANOKE	N4CH	53.250	-		☺
ROANOKE/POOR MT	WB8BON	53.090	-		☺
ROCKY MT/FERRUM	WD4KZK	53.270	-	T107.2	☺
VESTA	N4GBO	53.430	-	PROP	
WHITE TOP MTN	KB4YFV	53.650	-		

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610	-		
ABINGDON	NM4L	147.345	+	T103.5	☺
ACCOMAC	K4BW	147.255	+	T156.7	☺
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	W4HFH	147.315	+		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-		
AMELIA COURTHSE	KB4YKV	147.180	+		
AMHERST	K4CQ	145.490	-	T136.5	☺
ARLINGTON	WB4MJF	145.150	-		
ARLINGTON	WB4MJF	145.470	-		
ARLINGTON	KF4JPC	146.625	-		
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		☺
BEDFRD/APL ORCH	WA1ZMS	146.685	-	T100.0	☺
BLACKSBURG	W9KIC	146.715	-		☺
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	☺
BLUEFIELD	W8MOP	145.490	-		☺
BLUEFIELD/ONEIDA	WZ8E	146.955	-	100.0	☺
BLUEMONT	WA4TSC	147.300	+		
BOYDTON	KD4ZTK	147.240	+		
CHARLOTTESVILLE	WA4TFZ	146.760	-	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	146.925	-		☺
CHESAPEAKE	WA4YSE	146.610	-		
CHESAPEAKE	N4SD	146.790	-		
CHESAPEAKE	W4CAR	146.820	-	T162.2	
CHESTERFIELD	KD4KWP	145.310	-	127.3	
CHESTERFIELD	KA4CBB	147.360	+		☺
#CLINCHCO	KK4MW	146.985	-	UNCOR	
CLINCHCO	KB4RFN	147.150	+	T88.5	
#CLINCHCO	WD4CYZ	147.255	+	UNCOR	
COEBURN	AD4OV	145.430	-	103.5	☺
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AF4CY	145.410	-		
CULPEPER	W4CUL	147.120	+		
DANVILE/WHT OAK	K4AU	146.700	-	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925	-	T107.2	

SYMBOLS: ☺ = Full Member SERA   T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated   PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue!

VIRGINIA REPEATERS CONTINUE

DUBLIN	W4CBM	146.670	-		
DULLES AIRPORT	W4DLS	145.310	-		
EASTVILLE	KC4KMY	147.345	+	T156.7	☺
ELK CRK/IRON MT	N4MGQ	147.240	+	T107.2	☺
ENON	WB4VWR	147.060	+	T107.2	☺
FAIRFAX	K4KXK	146.790	-		
FARMVILLE	KE4ZBH	145.330	-		☺
FARMVILLE	KE4ZBH	146.910	-		☺
FARMVILLE	N4CFA	146.955	-	T136.5	☺
FINCASTLE	W4WIC	146.640	-		☺
FOREST	AG4AN	146.775	-	PROP	
FRANKLIN	W4LG	147.300	+	T131.8	☺
FREDERICKSBUR	K4TS	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GALAX/LKOUT MT	N4VL	145.130	-	T103.5	☺
GARRISONVILLE	N4NW	145.270	-		
GATE CITY	N4WWB	146.820	-	T	☺
GLOUCESTER	W4HZL	145.370	-	T	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+		☺
HAMPTON	WA4OHX	145.490	-		
HAMPTON	W4QR	146.730	-		☺
HAMPTON	K4UMI	146.940	-	T	
HAMPTON	KA4VXR	147.225	+	T136.5	
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
HIGH KNOB MT	K4QZJ	145.210	-		
#HONAKER	KD4TC	146.805	+	UNCOR	
JARRATT I-95	K4SVA	146.625	-	T100.0	☺
KINGS CROSSING	N5GQD	147.150	+		
LEXINGTON	KI4ZR	147.300	+	131.8	☺
LEXNGTN/ROCK MT.	KI4ZR	147.330	+		☺
LURAY	KE4JSV	147.030	+		
LYNCHBURG	KC4RBA	145.370	-	186.2	☺
LYNCHBURG	W4WWQ	146.610	-	136.5	☺
LYNCHBURG	AB4M	147.015	-	T131.8	☺
LYNCHBURG	WA4RTS	147.195	+	T136.5	☺
MANASSAS	W4OVH	146.970	-		
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	
MCLEAN	W4CIA	147.210	+		
MECHANICSVILLE	W4TTL	146.805	-	PROP	
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	T	☺
MOUNTAIN LAKE	WZ8E	146.865	+	110.9	☺
MT.LAKE/BALD KNB	K4TUE	146.910	-	107.2	☺
NEWMARKET	W3MMC	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	136.5	
NORFOLK	W4VB	145.330	-		☺
NORFOLK	KF8PT	146.700	-	PROP	
NORFOLK	AD4ZK	147.075	+		☺
NORTON	KF4VDF	146.865	-	T103.5	
NORTON/HIGH KNB	K4AXO	147.015	-	T88.5	
PAGECO	KD4DDI	146.670	-		
PATRICK SPRINGS	WB8POC	147.120	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PEARISBURG	W4NRV	147.375	+	T100.0	☺
PETERSBURG	KE4SCS	146.985	-	PROP	☺
PETERSBURG	K4ARO	147.390	+		
PKS KB/PULASKI	N4NRV	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	146.850	-		☺
QUANTICO	#W4NFR	147.345	+		
RADFORD/RINER	N3ZE	145.150	-		☺
RICHMOND	K4YPE	145.110	-		☺
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		
RICHMOND	W4RAT	146.880	-		
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	
ROANOKE	N2EDE	145.210	-	107.2	☺
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985	-		
ROANOKE/POOR MT	KB4QWO	147.270	+		☺
RUSTBURG	N4UTN	145.290	-	T	☺
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	☺
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	WT4RA	147.195	+	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350	-		
SOUTH BOSTON	KF4AGO	147.060	-		
SOUTH HILL	N4ZCM	145.470	-		
SPOTSYLVANIA	K4MQF	146.775	-		
STAUNTON	KD4KAU	145.450	-	T131.8	
STAUNTON	KD4WWF	146.700	-	T131.8	
STAUNTON	WA4ZBP	146.850	-	T131.8	
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL.KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.700	-		
STUARTS DRAFT	KB4OLM	147.360	+		☺
SUFFOLK	W4LG	147.000	-	T100.0	☺
TYSONS CORNER	KF4QQP	146.910	-		
VIENNA	K4HTA	146.685	-		
VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
WALKERTON	W4TTL	146.715	-		
WARRENTON	KB3BOI	145.350	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		☺
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-	127.3	
WILLIAMSBURG	K4RC	146.670	-	T	
WILLIAMSBURG	KB4ZIN	146.760	-		☺
WILLIAMSBURG	KB4ZIN	147.105	+		☺
WINCHESTER	KB3BOI	145.350	-		
WINCHESTER	W4RKC	146.820	-		☺
WOODBRIDGE	W4IY	147.240	+		
WYTH/WALKER MT	WB3T	146.895	-	T103.5	☺
WYTHEVILLE	WB3T	146.775	-	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060	-		
ARLINGTON	WB4MWF	224.620	-		
BEDFORD	N4PLV	224.840	-		
BEDFRD/APL ORCH	WA1ZMS	224.180	-	T100.0	☺
BELL KNOB	WD4KHP	224.440	-		
BERRYVILLE	WD4KHP	224.400	-		
BERRYVILLE	WD4KHP	224.740	-		
BLUEFIELD	N8FWL	224.440	-	PROP	☺
BLUEFIELD	WA8O	224.920	-		
BLUE MT	KF4VED	224.160	-		
CHARLOTTESVILLE	N4HRV	224.140	-	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760	-		☺
DELTAVILLE	AA4HQ	224.900	-		☺
FAIRFAX	WB4YHD	224.100	-		
FANCY GAP	K4DQ	224.880	-	T100.0	
GLOUCESTER	W4GSF	224.620	-		☺
HAMPDEN-SYDNEY	W4JAS	224.200	-		
HAMPTON	WB4PVT	224.540	-	T100.0	☺
HARRISONBURG	N4YET	224.820	-		
HAYMARKET	WD4KHP	224.420	-		
HAYMARKET	WD4KHP	224.720	-		
LAKE GASTON	W4LG	224.600	-		☺
LEESBURG	N0NW	224.020	-		
LOVETTSVILLE	WB4FUJ	224.460	-		
LURAY	KE4JSV	224.360	-		
LYNCHBURG	AB4M	224.280	-		☺
MANASSAS	W4OVH	224.660	-		
MARTINSVILLE	K4RCA	224.500	-		
NORFOLK	KC4JGC	224.740	-	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420	-		
PATRICK SPRINGS	WB8POC	224.420	-	T103.5	☺
PEARISBURG	KQ4Q	224.860	-	103.5	☺
PETERSBURG	K4ARO	224.700	-		
RIDGEWAY	WS4W	224.380	-	T	
ROANOKE	N4CH	224.100	-		☺
ROANOKE/CAHAS MT	AB4EM	224.940	-		
ROANOKE/TINKER	K4YDG	224.900	-		☺
STAUNTON/EL KNOB	KE4CKJ	224.300	-	T131.8	☺
STUART	WB4GUG	224.200	-	T107.2	☺
TYSONS CORNER	KM4OI	224.340	-		
TYSONS CORNER	WD4KHP	224.420	-		
WAYNESBORO	KA4RCL	224.680	-	T131.8	
WINCHESTER	N3HXT	224.220	-		
WOODBRIDGE	W4IY	224.780	-		
WYTHEVILLE	N8FWL	224.680	-	PROP	☺

440 MHZ

ABINGDON	KB8KSP	442.975	+	T100.0	☺
ACCOMACK	K4BW	444.300	+	T156.7	☺
ALTAVISTA	WA4ISI	444.425	+	100.0	☺
AMELIA	KB4YKV	443.200	+		
ARLINGTON	KD4DSX	448.625	-		
ARLINGTON	W8HNT	449.325	-		
ARLINGTON	WB4MJF	444.150	+		
ARLINGTON	K4AF	444.550	+		
BASSETT	KF4RMT	442.725	+	PROP	
BEDFORD	N4CH	444.350	+		☺
BEDFRD/APL ORCH	WA1ZMS	442.650	+	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800	+	T100.0	☺
BELL KNOB	WD4KHP	449.825	-		
BENT MT	K4YD	443.675	+	PROP	
BERRYVILLE	WB2KPH	447.475	-		
BIG A MTN	KB4WTP	444.875	+		
BLUEFIELD	W8MOP	442.450	+	PROP	☺
BLUEFIELD	W8MOP	444.450	+		☺
BLUEFIELD	WZ8E	444.625	+		☺
BLUEFIELD/ONEIDA	WB3T	443.325	+	T103.5	☺
BLUEMONT	WA4TSC	449.925	-		
BLUEMONT	WA4TSC	449.925	-		
BULL RUN MT	WA3KOK	447.775	-		
CHARLOTTESVILLE	KF4UCI	442.075	+	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250	+	T151.4	☺
#CHARLOTTEVILLE	KF4UCI	444.775	+	UNCOR	☺
CHESAPEAKE	W4CAR	444.000	+	T162.2	
CHESTERFIELD	WA3KOK	433.075	+	PROP	
CHESTERFIELD	KD4SUU	442.150	+		
CHESTERFIELD	WA3KOK	442.450	+	PROP	
COPPER RIDGE	KB4WTP	444.550	+	PROP	
COVINGTON	WA4PGI	442.250	+	T100.0	☺
DALE CITY	N8BOR	443.100	+		
DANVILE/WHT OAK	K4AU	444.700	+		☺
DANVILLE	KQ4I	443.850	+		☺
ENON	WB4VWR	444.200	+		☺
ENON	W4RDF	444.275	+	T114.8	
FAIRFAX	K4HTA	448.375	-		
FAIRFAX	WD4KHP	449.775	-		
FALLS CHURCH	WB4UNB	447.425	-		
FALLSCHURCH	KF4LWJ	444.300	+		
FANCY GAP	WD4ICX	433.200	+		
FANCY GAP	WB3T	444.050	+	T103.5	☺
FANCY GAP	WD4ICX	444.175	+	T107.2	
FANCY GAP	N4OWU	444.375	+	T107.2	
FANCY GAP	N4XRY	444.900	+		
FANCY GAP	KD4FWS	444.925	+	100.0	
FOREST	AG4AN	442.475	+	PROP	
FOREST	W8CXD	443.600	+	T136.5	☺
FOREST	WD4KQI	444.750	+		☺
FRONT ROYAL	N4MKH	449.225	-		
GASBURG	W4LG	442.000	+		☺
GATE CITY	N4WWB	444.700	+		☺
GLOUCESTER	N4XND	421.250	+		
GRETNA/SMITH MT	KD4TBC	444.075	+	T123.0	
GUM SPRING	KB4MIC	442.800	+		☺
HAMPTON	K4UMI	443.650	+		
HAMPTON	WA4OHX	443.750	+	100.0	
HAMPTON	W4QR	444.550	+	T167.9	☺
HARRISONBURG	N4YET	444.600	+		
HAYMARKET	KT4ER	448.325	-		
HAYMARKET	N3AUY	449.025	-		
HERNDON	N4LXI	443.000	+		
HIGHKNOB	N1TXI	447.725	-		
HILLSVILLE	KB4YFV	442.125	+	T103.5	
INDEPENDENCE	KF4ZIG	443.375	+	T103.5	☺
JONESVILLE	WB4IVB	442.575	+	T100.0	
LEXINGTON	KI4ZR	444.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150	+		☺
LORTON	WD4KHP	449.725	-		
LYNCHBG/JACK MT.	KF4YI	442.400	+	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500	+	T136.5	☺
LYNCHBURG	KB4CVN	420.050	+	PROP	☺
LYNCHBURG	K4CQ	923.250	-		☺
LYNCHBURG	AB4FU	442.950	+	T	
LYNCHBURG	KC4RBA	443.450	+	186.2	☺
LYNCHBURG	W4WWQ	444.550	+	T136.5	☺
LYNCHBURG/T.ROW	N4IFC	442.200	+	T103.5	
MADISON	N8HON	444.400	+		☺
MANASSAS	W4OVH	442.200	+		
MARION	WB3T	443.125	+	T103.5	☺
MARTINSVILLE	KF4RMT	443.825	+	T107.2	
MEADOWS OF DAN	WG4R	444.250	+	T103.5	☺
NEWPORT NEWS	W4MT	442.900	+	T100.0	☺
NORFOLK	AD4ZK	444.475	+	T127.3	☺
NORFOLK	WD4MIZ	444.675	+	T107.2	☺
OILVILLE	KB4MIC	444.800	+		☺
PATRICK SPRINGS	WB8POC	443.175	+		☺
PATRICK SPRINGS	KC3FB	443.750	+	PROP	
PEARISBURG	N4AZJ	444.975	+	T103.5	☺
PETERSBURG	K4ARO	442.600	+		
PETERSBURG	WB4KZI	443.825	+		
PORTSMOUTH	W4POX	443.800	+		☺
POWHATAN	KN4YM	443.100	+		☺
PULASKI	KE4CIF	442.775	+	T	☺
QUANTICO	N3QEM	447.975	-		
RICHMND/CHLTVL	N4EHJ	444.650	+		☺
RICHMOND	WA4AYB	441.600	+	PROP	
RICHMOND	WA4AYB	441.600	+	PROP	
RICHMOND	KC4VDZ	442.300	+	T114.8	
RICHMOND	W4RAT	442.550	+	T127.3	
RICHMOND	AB4SF	444.850	+	T	☺
ROANOKE	K4ARO	442.600	+	T	
ROANOKE	W7CP	442.700	+	T	☺
ROANOKE	WB3T	444.325	+	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750	+	T107.2	☺
ROANOKE/POOR MT	N4FHL	439.250	-		
ROANOKE/POOR MT	W4CA	442.500	+		
ROANOKE/POOR MT	KA4IXK	442.850	+		☺
ROANOKE/READ MT	WD4KZK	444.850	+	T107.2	☺
ROANOKE/TINKER M	WB8BON	444.925	+		☺
SILER	WA4RS	449.175	-		
SLINGS GAP	WD4KZK	444.775	+	T107.2	☺
SOUTH BOSTON	KF4AGO	443.925	+		
SOUTH BOSTON	KF4LWH	444.625	+		
SOUTH HILL	KD4MJO	443.525	+	100.0	☺
SPOTSYLVANIA	N2XHZ	447.875	-		
SPOTSYLVANIA	KD4QNA	442.700	+		
SPOTSYLVANIA	K4MQF	442.850	+		
STAFFORD	K4HR	444.450	+		
STAUNTON	WA4ZBP	444.825	+	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100	+	T131.8	☺
STERLING	WA4TXE	442.100	+		
STUART	WB4GUG	442.225	+	T107.2	☺
STUARTS DRAFT	KB4OLM	444.050	+		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

VIRGINIA REPEATERS CONTINUE

TYSONS CORNER	KA3RQR	447.025	-		
TYSONS CORNER	KM4FI	443.500	+		
VIENNA	N4KOU	444.850	+		
VIRGINIA BEACH	WA4KXV	444.950	+		☺
WAYNESBORO	N3XA	426.250	+		
WHITETOP MT	KM4X	443.000	+	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100	+		☺
WILLIS	W4DUM	443.875	+		
WINCHESTER	W4RKC	448.775	-	146.2	☺
WINCHESTER	W3CSG	442.000	+		
WOODBRIDGE	W4IY	444.900	+		
WYTHE/WALKER MT	WB3T	442.000	+	T103.5	☺
WYTHEVILLE	WB3T	442.525	+	103.5	☺
YORKTOWN	N3ELM	443.550	+	T100.0	☺

920 MHZ

ALEXANDRIA	WA4CCF	919.600	-		
BEDFRD/APL ORCH	WA1ZMS	921.100	-	T100.0	☺
CULPEPER	KA4DCS	919.400	-		
LYNCHBRG/TOB MT	K4CQ	921.000	-	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500	-	107.2	☺
TYSONS CORNER	K6LEW	919.500	-		
WOODBRIDGE	KA4DCS	919.800	-		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600	+		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620	-		
BECKLEY	KE4QOX	29.680	-	T88.5	
CHARLESTON	WB8CQV	29.640	-	203.5	
RICHWOOD	WA8YWO	29.660	-	T100.0	

6 METERS

ALDERSON	WV8BD	53.190	-		
BECKLEY	N8FWL	53.170	-	T123.0	☺
BECKLEY	WB8YST	53.590	-	T107.2	
CEREDO	KC8PFI	53.870	-	PROP	
CHARLESTON	WB8YST	53.630	-	T107.2	
FLATWOODS	N8CQQ	53.110	-	PROP	
GASSAWAY	K8WGB	53.210	-	T123.0	
LEWISBURG	KC8LRN	53.930	-	T	
MARMT/CHARLSTN	N8PEI	53.750	-	T141.3	
RICHWOOD	WB8YST	53.710	-	T107.2	
SHIRLEY	KB8TJH	53.310	-		
SNOWSHOE	KC8CSE	53.330	-		

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	T107.2	☺
BECKLEY	KC8AFH	146.700	-	123.0	
BECKLEY	N8FWL	147.360	+	T123.0	☺
BECKLEY/BOLT MT	WV8B	145.170	-	T100.0	
BECKLEY/EOC	WV8BD	145.370	-		
BECKLEY/FLAT TOP	WV8BD	146.850	-		
BECKLEY/LAYLAND	N8FCJ	145.310	-	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230	-	T100.0	☺
BERKELEY SPRINGS	KK3L	146.745	-		
BIRCH RIVER	N8FMD	145.270	-	T103.5	☺
BRIDGEPORT	WB8DKM	147.120	+	T	☺
BUCKHANNON	N8FHE	145.410	-		☺
BUCKHANNON	N8ZAR	146.850	-		
BUCKHANNON	N8ZAR	147.060	+	123.0	
CAPON MT	N8YIB	147.435	-		
CHARLESTON	W8GK	145.350	-	91.5	☺
CHARLESTON	WB8YST	145.430	-	PROP	
CHARLESTON	WB8IFS	146.820	-		
CHARLESTOWN	N8EIV	146.985	-		
CLARKSBURG	N8FMD	146.685	-	T103.5	☺
CLARKSBURG	N8FMD	147.210	+	T103.5	☺
DANVILLE	WB8NAM	146.685	-	T	
DAVIS	KE8MR	147.135	+	T103.5	☺
ELKINS	WJ8G	145.230	-	T103.5	☺
ELKINS	KB8BWZ	146.775	-		
FAIRMONT	W8SP	145.350	-	T103.5	
FENWICK	KD8AB	146.940	-		
FLAT TOP/WINTRPL	WV8B	146.625	-	T100.0	
FLATWOODS	N8ZPX	146.655	-	T123.0	☺
FRANKLIN	W3RUA	147.345	+		☺
FROST	N8RV	145.110	-	107.2	☺
GASSAWAY	WB8MZI	146.610	-		
#GASSAWAY	K8WGB	147.240	+	UNCOR	
GLENVILLE	N8OYY	145.130	-		
GLENVILLE	WB8WV	145.290	-		
GRAFTON	WD8LNB	147.375	+	118.8	☺
GRANTSVILLE	N8LGY	145.450	-	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300	+		
HARPER'S FERRY	KB3BOI	145.350	-		
HINTON	KC8CNL	147.255	+	100.0	☺
HUNTINGTON	WB8FEQ	145.210	-	162.2	
HUNTINGTON	W8VA	146.760	-		
HUNTINGTON/CHAS	WB8EZR	146.640	-		☺
IAEGER	N8SNW	146.655	-	T203.5	
KEYSER	N8RCG	147.390	+	123.0	☺
#LENORE	KF8HL	145.390	-	UNCOR	
LEON	WD8OHX	147.180	+		
LEWISBURG	WB8SPW	146.730	-	T100.0	
LEWISBURG	N4RAG	146.760	-	T131.8	
LEWISBURG	WV8D	147.390	+	T100.0	
LOGAN SOUTH	NV8H	147.195	+	100.0	
LOGAN/SUMERCO	NU8K	147.345	+		
LOGAN/WRD RK MT	KJ8E	146.970	-		
MADISON	WB8NAM	147.120	+	T	
MARLINTON	N4RAG	147.090	+	131.8	
MARTINSBURG	WA8FSE	145.150	-		
MARTINSBURG	WB8YZV	147.255	+		
MARTINSBURG	K3MAD	147.345	+		
MCMECHEN	N8BQ	146.910	-		☺
MIDDLEBOURNE	WV8TC	147.360	+	T110.9	☺
MOOREFIELD	KD4SZR	145.190	-		
MORGANTOWN	K8LG	145.430	-		
MORGANTOWN	W8CUL	146.760	-		☺
MORGANTOWN	KE8MR	147.075	+	T103.5	☺
MULLENS	KC8IT	147.030	+		
NEW MARTINSVILE	KF8LL	146.985	-		
OAK HILL	NM8T	146.790	-		☺
PARKERSBURG	WV8G	145.490	-		
PARKERSBURG	WA8LLM	147.255	+		☺
PARKERSBURG	WD8CYV	147.390	+	T141.3	
PARKERSBURG (OH)	N8NBL	146.970	-		
PARSONS	K8VNQ	145.370	-	T118.8	
PHILIPPI	K8VE	145.150	-	103.5	☺
PINEVILLE	W8LG	147.285	+		
PRINCETON	KA8PNC	147.060	-		☺
PRINCETON	WB8NRK	147.225	+	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925	-		
RAVENSWOOD	WD8JNU	146.670	-		☺
RED HOUSE	WV8AR	145.410	-	T123.0	☺
RICHWOOD	WB8YJJ	145.190	-	T	
RICHWOOD	AA8TH	147.015	+	T	
RICHWOOD	KB8YDG	147.150	+	T100.0	☺
ROCKPORT	KC8TLG	147.135	+	T123.0	
SALT ROCK	K8SA	145.110	-	T110.9	
SCOTT DEPOT	WV8AR	147.270	+	123.0	☺
SHIRLEY	KB8TJH	145.310	-	T	
SKYLINE	K7SOB	147.360	+	T127.3	
SMITHERS	NM8T	147.075	-		☺
SO. CHARLESTON	WB8CQV	146.880	-	203.5	
SPENCER	KA8AUW	147.105	+	100.0	☺
SPRUCE KNOB	N8HON	147.285	+		☺
ST ALBANS	K8WMX	147.000	-		☺
ST.MARYS/BENS RG	WB8ECC	147.030	+		
SUMMERSVILLE	W8FG	145.470	-	100.0	
TERRA ALTA	KD8ZR	147.000	+	T	☺
UNION	W8IFL	145.410	-		
WEIRTON	W8CWO	146.940	-		
WELCH	WB8SXZ	145.450	-		
WESTON	WD8EOM	145.390	-		
WESTON	KA8TCF	147.165	+		☺
WHEELING	KA8YEZ	145.190	-	156.7	☺
WHEELING	W8ZQ	146.760	-		☺
WILLIAMSON	WR8M	145.330	-	T100.0	☺

220 MHZ

ANSTED	N8FWL	224.840	-	PROP	☺
BECKLEY	N8FWL	224.240	-	T123.0	☺
BECKLEY - SOUTH	N8FWL	224.740	-	PROP	☺
BECKLEY - WEST	N8FWL	224.540	-	123.0	☺
BECKLEY/OAK HILL	N8FWL	224.340	-	T123.0	☺
BERKELEY SPRINGS	KA3VLG	224.700	-		
CHARLESTON	WB8YST	224.360	-	107.2	
FLAT TOP/WINTRPL	WV8B	224.120	-	100.0	
HILLSBORO	KC8LRN	224.220	-	T131.8	
HINTON/BECKLEY	N8FWL	224.640	-	PROP	☺
#LEON	WD8OHX	223.780	-	UNCOR	
LEWISBURG	KC8LRN	224.800	-	T	
WILLIAMSON	WR8M	224.140	-		☺

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400	+	T100.0	
BECKLEY	N8FWL	443.050	+	T123.0	☺
BECKLEY	N8LVE	444.125	+	T	
BECKLEY/BOLT	W8LG	443.225	+		
BECKLEY/OAK HILL	WV8B	444.800	+	100.0	
BECKLY/OAK HILL	KE4QOX	443.100	+	T107.2	
BELINGTON	N8SCS	444.900	+	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450	+		
BLUEFIELD	WZ8E	443.625	+	100.0	☺
BUCKHANNON	N8ZAR	444.250	+		
CEREDO	KC8PFI	443.600	+	PROP	
CHARLESTON	KB8QKM	442.925	+	71.9	
CHARLESTON	WV8AR	444.225	+	T123.0	☺
CHARLESTON	WB8YST	444.350	+	T107.2	
CLARKSBURG	N8FMD	444.175	+	T103.5	☺
DANS MT	N8YIB	145.330	+		
DUNMORE	KC8CSE	444.275	+	123.0	
FAIRMONT	W8SP	443.875	+		
FLATWOODS	N8ZVK	444.200	+		☺
GASSAWAY	K8WGB	444.675	+	T123.0	
GILBERT	KB8PCW	442.725	+	PROP	
GLENVILLE	KA8ZXP	444.325	+		
HERNSHAW	WB8CQV	444.700	+	T203.5	
HUNTINGTON	WA4GSS	421.250	+		
HUNTINGTON	WB8EZR	443.000	+		☺
HUNTINGTON	KB8TGK	443.850	+	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850	+	T131.8	
HURRICANE	K8OJC	444.075	+		
KEYSER	N8RCG	444.125	+	103.5	☺
LEWISBURG	KF8FO	444.725	+	T103.5	
LOGAN	KE4QOX	444.900	+	T107.2	
MORGANTOWN	K8LG	444.700	+		
MORGANTOWN	W8CUL	444.800	+		☺
MULLENS	KC8IT	444.000	+		
OAK HILL	KA8OTX	443.800	+		
PARKERSBURG (OH)	N8ILO	444.100	+		
PENNSBORO	WB8NSL	442.850	+	T103.5	
PRINCETON	KB8UJG	443.700	+	T123.0	
RICHWOOD	KB8YDD	443.475	+		
RICHWOOD	KC8AUY	443.575	+	T	
SHIRLEY	KB8TJH	444.425	+	T	
SO. CHARLESTON	WB8CQV	444.950	+	203.5	
ST. ALBANS	K8MHR	443.150	+		
WELCH	N8SNY	443.725	+		☺
WESTON	N8FIP	443.975	+		
WESTON	KA8TCF	444.600	+		☺
WHEELING	KB8QHO	421.250	+		
WHEELING	KA8YEZ	443.025	+	77.0HZ	☺
WHEELING	N8EKT	444.975	+		

Limited FULL MEMBERS FROM NON-SERA STATES

10 METERS

CHESTER, PA	W3PS	29.520	+	T156.7	☺

6 METERS

CONCORD, NH	KA1OKQ	53.590	-	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225	+	T100.0	☺
DELAND, FL	K4DWF	147.045	+	T103.5	☺
OCEAN CITY, NJ	W3PS	147.285	+	T146.2	☺
PHILADELPHIA, PA	W3PS	147.315	+	TT156.7	☺
VINELAND, NJ	AA2LD	147.135	+	T156.7	☺

220 MHZ

OCEAN CITY, NJ	W3PS	223.980	-	T156.7	☺
CHESTER, PA	W3PS	224.960	-	T156.7	☺
CONCORD, NH	KA1OKQ	224.800	-	T103.5	☺
EAGLEVILLE, PA	W3PS	224.680	-	T156.7	☺
MILLVILLE, NJ	AA2LD	223.960	-	T156.7	☺
POTTSTOWN, PA	W3PS	224.400	-	T156.7	☺

440 MHZ

CHESTER, PA	W3PS	443.050	+	T156.7	☺
CONCORD, NH	KA1OKQ	448.775	-	T82.5	☺
LINWOOD, PA	W3PS	443.000	+	156.7	☺
PEMBROKE, NH	KA1OKQ	444.150	+		☺
PETERBORO, NH	KA1OKQ	443.350	+	T110.9	☺

1270 MHZ

CHESTER, PA	W3PS	1240.000	+		☺

It's All Free!

Did you know that SERA assistance in coordination, technical help, or interference information is FREE. We do not charge for any of our services. Our operating expenses are derived solely from voluntary membership of Repeater Owners and users.

In 2002, SERA enters it's 31st year of successful operation and service in the SouthEastern 8-states.

Our volunteers are here for you. If you have any questions about SERA, don't hesitate to call or ask. It's that Simple!

help@sera.org
(888) 593-5527 (toll free)
Learn more at:
www.sera.org

SERA REPEATER INDEX LISTINGS BY FREQUENCY

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

6 METERS

52.5500 / 51.5500			
WB4JEH	#CONYERS	151.4	GA
51.2000 / 51.7000			
WA4YNZ	#CUMMING		GA
51.4400 / 51.9400			
KC5BMJ	KINGSLAND	82.5	GA
53.0250 / 52.0250			
WB4LBR	LOUISVILLE		KY
52.5250 / 52.5250			
WW4DC	THOMASVILLE	88.5	NC
52.0100 / 53.0100			
WA4YNZ	#ROSWELL		GA
KC4QK	ASHLAND	107.2	KY
N5EKR	ELLISVILLE		MS
K4GRW	NEWPORT		NC
KE4QOX	THOMASVILLE	88.5	NC
WA4KOG	MEMPHIS		TN
WA4BGK	NASHVILLE	114.8	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
52.0300 / 53.0300			
W4WTA	AUGUSTA		GA
N1BEC	BALD CREEK		NC
K4ITL	RALEIGH		NC
KF4FTD	MORRISTOWN		TN
52.0500 / 53.0500			
KC4JNN	BISKEY MT.	100.0	GA
AB5MU	NETTLETON	192.8	MS
WA4PXV	AIR BELLOWS GAP		NC
N4JEH	ROCKY MOUNT		NC
WA4BGK	GALLATIN	114.8	TN
52.0700 / 53.0700			
WB4AEG	CARTERSVILLE	123.0	GA
KB4PTJ	WILLIAMSBURG	100.0	KY
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
KB4MIC	GUM SPRING	203.5	VA
52.0900 / 53.0900			
KD4DKW	ATL/MARIETTA	118.8	GA
KF4IXW	REELSBORO	162.2	NC
K4NOC	BISHOPVILLE		SC
NO4Q	WAVERLY		TN
WB8BON	ROANOKE/POOR MT		VA
52.1100 / 53.1100			
W4GR	LAWRENCEVILLE	82.5	GA
N4XTF	GASTONIA/CRDR MT		NC
KD4BGD	LUMBERTON		NC
WD4GYN	OAK RIDGE		TN
KB4YKV	AMELIA COURTHSE		VA
N8CQQ	FLATWOODS		WV
52.1300 / 53.1300			
N4BZJ	DALTON		GA
N4EQT	LAWRENCEBURG	107.2	KY
W4FOT	HENDERSONVILLE	100.0	NC
W4HFH	ALEXANDRIA		VA
WB4GJG	DANVILLE(DCC)		VA
52.1500 / 53.1500			
KA5WZY	ATLANTA		GA
WB4IOB	KNXVL/ENG MT		TN
N8ITF	SPRINGFIELD	107.2	TN
N4CH	BEDFRD/THAX MT		VA
52.1700 / 53.1700			
WW4DC	THOMASVILLE	88.5	NC
K4BGW	LAFOLLETTE		TN
KE4SFU	RICE		VA
N8FWL	BECKLEY	123.0	WV
52.1900 / 53.1900			
W4BAD	RALEIGH		NC
KN4AS	LITTLE MOUNTAIN	156.7	SC
WA4UCE	COOKEVILLE		TN
WV8BD	ALDERSON		WV
52.2100 / 53.2100			
N1KDO	MARIETTA	79.7	GA
N4QLX	SAURATOWN MT		NC
AD4U	ORANGEBURG		SC
N4WWB	GATE CITY		VA
K8WGB	GASSAWAY	123.0	WV
52.2300 / 53.2300			
KD4JFN	PITTSBORO	107.2	NC
KA4ZKL	GUTHRIE (TN/KY)		TN
KQ4E	MORRISTOWN		TN
52.2500 / 53.2500			
KF4BMG	MARIETTA	79.7	GA
WA4YON	#KNOXVILLE		TN
KT4QW	NEWPORT NEWS		VA
N4CH	ROANOKE		VA
52.2700 / 53.2700			
KC4CBQ	HIAWASSEE	186.2	GA
KA4UHL	NANCY	100.0	KY
N4DRL	BYHALIA		MS
WD4BQW	ASHEVILLE		NC
N5CWH	COLUMBIA	162.2	SC
WD4KZK	ROCKY MT/FERRUM	107.2	VA
52.2900 / 53.2900			
K4PLM	#PINE LOG MT.	198.2	GA
KF4UAQ	LOUISVILLE		KY
KF4SXO	CHESTER		SC
WA4CQK	FANCY GAP	100.0	VA
52.3100 / 53.3100			
K4SER	WILLIAMSTON		NC
KD4SQB	ROAN MTN		TN
KB8TJH	SHIRLEY		WV
52.3700 / 53.3100			
KG4BZN	WALTERBORO	123.0	SC
52.3300 / 53.3300			
KD4FVI	CRAWFORD	88.5	GA
AD4CC	HIGHLAND HEIGHTS	123.0	KY
W4TLP	CLINTON		NC
AB4JJ	W. JEFFERSON	100.0	NC
KC8CSE	SNOWSHOE		WV
52.3500 / 53.3500			
WR4AMS	DORTON		KY
WR4BEG	SOPHIA/RANDLEMAN		NC
K4VCM	CHATTANOOGA		TN
52.3700 / 53.3700			
KD4MYE	YOUNGSVILLE		NC
KC4PDQ	MARYVILLE		TN
N8RIG	BLUEFIELD		VA
52.3900 / 53.3900			
KA4UFM	DECATUR		GA
KF4XH	#MACON		GA
KE4RKF	WAYNESBURG	100.0	KY
KC4YOZ	#RANLO	107.2	NC
WB3R	AMELIA		VA
52.4100 / 53.4100			
WA1YYN	EFLAND	107.2	NC
KO4MZ	GVL/CSR'S HEAD	131.8	SC
52.4300 / 53.4300			
KR4OL	BOLINGBROKE		GA
N7BBW	LOUISVILLE	151.4	KY
AD4DN	WILMINGTON	88.5	NC
K4GX	KINGSPORT		TN
KD4SUU	CHESTERFIELD		VA
N4GBO	VESTA	107.2	VA
52.4500 / 53.4500			
KD4APP	#PINE LOG MT		GA
KC5PIA	LAUREL		MS
W4UNC	CHAPEL HILL	107.2	NC
NQ4Y	MONTEAGLE MTN	114.8	TN
K8GP	BULLRUN		VA
52.4700 / 53.4700			
N4OOC	ASHEVILLE		NC
KE4JYN	PEARISBURG	107.2	VA
52.5500 / 53.5500			
WB4JEH	CONYERS	151.4	GA
N4OQJ	KNOXVILLE	100.0	TN
K4RDK	MEMPHIS		TN
52.5700 / 53.5700			
KD4AOZ	WATKINSVILLE	123.0	GA
KE4LGL	LEXINGTON		KY
KE4KEH	LYNCHBURG	103.5	VA
52.5900 / 53.5900			
KF4QDS	KVILLE/HIPOINT	103.5	NC
KF4IWA	MOUNTAIN REST		SC
WB8YST	BECKLEY	107.2	WV
52.6300 / 53.6300			
AB4JJ	MT MITCHELL	100.0	NC
WB8YST	CHARLESTON	107.2	WV
52.6500 / 53.6500			
KC4SBJ	ROCKY MOUNT		NC
KB4YFV	WHITE TOP MTN		VA
52.6700 / 53.6700			
WA4WRS	BARIUM SPRINGS		NC
51.2000 / 53.7100			
KE4OVN	DRESDEN	107.2	TN
52.7100 / 53.7100			
WB8YST	RICHWOOD	107.2	WV
51.2200 / 53.7300			
K4YC	IVEY/MACON	88.5	GA
52.7300 / 53.7300			
K4XYZ	BUCKHORN LAKE	100.0	KY
52.7500 / 53.7500			
W4YWH	HIGHLAND HEIGHTS	123.0	KY
W4BAD	DURHAM		NC
K4GX	#ROGERSVILLE	114.8	TN
N8PEI	MARMT/CHARLSTN	141.3	WV
52.7700 / 53.7700			
W4GL	SUMTER		SC
W4BBB	KNOXVILLE	1000.	TN
52.7900 / 53.7900			
WR4MG	WARNER ROBINS		GA
WA4NC	BOONE	100.0	NC
52.8100 / 53.8100			
WD4KNE	#STANTON		KY
W4EBM	#FAYETTEVILLE		NC
52.8500 / 53.8500			
K4TDO	HAZARD		KY
52.8700 / 53.8700			
KC8PFI	CEREDO		WV
52.8900 / 53.8900			
KB0Y	LAKE PARK	141.3	GA
WB4HJG	LULA	82.5	GA
WA4OHX	HAMPTON		VA
52.9100 / 53.9100			
KE4ZJT	LONDON	100.0	KY
52.9300 / 53.9300			
W4GMM	MEMPHIS	107.2	TN
KC8LRN	LEWISBURG		WV
52.9500 / 53.9500			
WB4WSB	LAGRANGE		KY
52.9700 / 53.9700			
N4DAJ	MT. AIRY	100.0	NC
52.5250 / 145.2100			
N4ARK	NASHVILLE		TN

2 METERS

144.6100 / 52.5250			
N4ARK	NASHVILLE		TN
144.5100 / 145.1100			
KK4HL	AUGUSTA		GA
N4MXC	COCHRAN	107.2	GA
KR4HV	DOUGLASVILLE	88.5	GA
KC4UPE	LEESBURG	192.8	KY
K5HYE	MENDENHALL	100.0	MS
W5WA	PASCAGOULA	123.0	MS
W4PCN	KILL DEVIL HILLS	131.8	NC
N4GSM	ROBBINSVILLE	151.4	NC
KD4MYE	YOUNGSVILLE	88.5	NC
WZ4SC	FORT MILL		SC
W4GS	MYR BCH/CONWAY		SC
NQ4Y	COOKEVILLE		TN
WM4T	GRAY		TN
N4ARK	NASHVL/FAIRVIEW	151.4	TN
KF4OID	SOMERVILLE	107.2	TN
WA4CQK	#FANCY GAP	100.0	VA
K4YPE	RICHMOND		VA
N8RV	FROST	107.2	WV
K8SA	SALT ROCK	110.9	WV
144.5300 / 145.1300			
K4SEX	BGMRC/NEWMAN		GA
WR4SG	VALDOSTA	141.3	GA
N4UL	LOUISVILLE AREA	151.4	KY
KJ4VF	MOREHEAD	100.0	KY
WB4YNF	AHOSKIE		NC
W4RNC	RALEIGH	88.5	NC
W4JAK	GREENWOOD	123.0	SC
K4JR	SUMTER		SC
K4CMY	CHATTANOOGA		TN
KA4OAK	LAFOLLETTE		TN
KF4ATY	MEMPHIS	107.2	TN
KC4WPS	NASHVILLE	114.8	TN
N4VL	GALAX/LKOUT MT	103.5	VA
N8OYY	GLENVILLE		WV
144.5500 / 145.1500			
W4AQL	ATLANTA	167.9	GA
K4YC	IVEY/MACON	77.0	GA
KY4JW	MONTICELLO		KY
AD4BI	PIKEVILLE	107.2	KY
K5LFP	#PICAYUNE		MS
K2IMO	ELM CITY	88.5	NC
W4GSO	GREENSBORO		NC
K4OBX	HATTERAS ISLAND	131.8	NC
W4NHV	#LUMBERTON		NC
K8HID	INMAN		SC
N4LWY	SUMMERTON		SC
KG4FZR	ATHENS	141.3	TN
W4XS	FRANKLIN		TN
K0JXI	MEMPHIS		TN
K4ARO	GREENBAY		VA
N3ZE	RADFORD/RINER		VA
K8VE	PHILIPPI	103.5	WV
144.5700 / 145.1700			
WA4DIW	JONESBORO		GA
W8PRH	HALLS GAP		KY
N5DWU	PETAL	136.5	MS
K4CCR	ANDSN MT/DENVER	88.5	NC
N4CTJ	LELAND		NC
N4NCK	OXFORD		NC
KY4S	AIKEN		SC
K4NOC	BISHOPVILLE	123.0	SC
WF4Q	BRUCETON	107.2	TN
WB4GBI	KNOXVILLE		TN
WB4LHO	MURFREESBORO		TN
WA4ZUA	NORFOLK	136.5	VA
WV8B	BECKLEY/BOLT MT	100.0	WV
144.5900 / 145.1900			
WA4EQL	JESUP		GA
WB4ULJ	PINE MT/HAMILTON		GA
KB4SQI	SALYERSVILLE	127.3	KY
K5YD	BOONEVILLE	110.9	MS
W5CJR	HATTIESBURG	136.5	MS
KA4SQN	JACKSONVILLE		NC
WA4BVW	MT MITCHELL		NC
K4GWH	RALEIGH	156.7	NC
N4OTT	CARTHAGE		TN
KD4XV	JASPER	127.3	TN
WB3R	AMELIA		VA
WB8YJJ	RICHWOOD		WV
KA8YEZ	WHEELING	156.7	WV
144.6100 / 145.2100			
KC4RRO	EASTMAN		GA
WA4EPK	FAYETTEVILLE	131.8	GA
W8PRH	LEXINGTN/GRGTWN		KY
KB5IKR	MENDENHALL	100.0	MS
K4OLC	HIGH PEAK MTN	94.8	NC
WB4TQD	TRENTON		NC
W2GLJ	GERMANTOWN		TN
W4BBB	KNOXVILLE/RACK	100.0	TN
N4ARK	NASHVILLE		TN
K4QZJ	HIGH KNOB MT		VA
N2EDE	ROANOKE	107.2	VA
WB8FEQ	HUNTINGTON	162.2	WV
144.6300 / 145.2300			
WB4JEH	CONYERS	151.4	GA
WR4SG	CORDELE	141.3	GA
W4DRC	DALTON		GA
K4BR	WAYNESBORO		GA
W8PRH	LOUISVILLE		KY
KG4GQC	WEST LIBERTY	107.2	KY
KC5VZI	#NEW ALBANY		MS
N4VBH	BEULAVILLE		NC
W4UNC	CHAPEL HILL	107.2	NC
W4BFB	CHARLOTTE		NC
KG4AQH	GREELEYVILLE		SC
W4CAT	LAVERNE		TN
KB4KIE	MAYNARDVILLE		TN
KE4NTL	RIPLEY	100.0	TN
N4CH	BEDFORD		VA
W4MT	NEWPORT NEWS	100.0	VA
N8FWL	BECKLEY/OAK HILL	100.0	WV
WJ8G	ELKINS	103.5	WV
144.6500 / 145.2500			
N4YYD	CHATSWORTH	71.9	GA
K4YC	IVEY		GA
AD4YJ	LEXINGTON	110.9	KY
W4GG	GREENSBORO	88.5	NC
WA4USN	CHARLESTON	123.0	SC
K4USC	UNION		SC
KT4WS	CARLISLE		TN
N4WXS	ERWIN/PINNACLE		TN
KD8XK	BLUEFIELD	100.0	VA
KQ4RH	MONTPELIER		VA
144.6700 / 145.2700			
KT4X	SANDERSVILLE	77.0	GA
K4PLM	WALESKA/PNLG MT	103.5	GA
N4KJU	PAINTSVILLE		KY
KD4BOH	ROCKPORT	77.0	KY
N5NBG	WALLS	162.2	MS
KB5DZJ	WIGGINS	136.5	MS
K4ROK	FARMVILLE	131.8	NC
WA4KNI	HENDSVL/BERWLW		NC
KM4AR	MIDWAY	77.0	NC
N5CWH	COLUMBIA	127.3	SC
WB4WZK	HENDERSONVILLE		TN
KD4CLA	PIGEON FORGE	100.0	TN
N8FMD	BIRCH RIVER	103.5	WV
144.6900 / 145.2900			
W4IBM	ATLANTA	88.5	GA
W4DV	AUGUSTA	100.0	GA
WR4MG	PERRY	107.2	GA
AC2DC	LOUISVILLE	151.4	KY
N4VOS	STANTON		KY
WJ5L	VICKSBURG		MS
W4BFB	CHARLOTTE		NC
WN3X	COINJOCK	131.8	NC
NC4AR	HIGH POINT	88.5	NC
KF4NOV	ROCKY MOUNT	107.2	NC
W4GS	MYRTLE BEACH	85.4	SC
KU4ZS	PUMPKINTOWN	123.0	SC
W4AM	CHATTANOOGA	118.8	TN
KF4ZQA	ELIZTON/HOLS MT	100.0	TN
K4DXC	RIDGETOP	114.8	TN
WF4Q	SHILOH	107.2	TN
N4UTN	RUSTBURG		VA
WB8WV	GLENVILLE		WV
144.7100 / 145.3100			
W4FIZ	COLUMBUS		GA
KB4JF	NASHVILLE	141.3	GA
WA4JDR	STOCKBRIDGE		GA
KC4KZT	DAVID		KY
WB5GOJ	CHATAWA		MS
KC4WPM	BAKERSVILLE		NC
N4LEX	LEXINGTON	88.5	NC
N4WFU	#ROANOKE RAPIDS	131.8	NC
K4ITL	ROSEBORO		NC
W4IAR	BEAUFORT		SC
W4CHR	CHESTER		SC
WA4PNI	ATHENS	141.3	TN
KF4SC	JACKSON		TN
KC4ECD	LAFAYETTE	151.4	TN
KD4KWP	CHESTERFIELD	127.3	VA
N8FCJ	BECKLEY/LAYLAND	100.0	WV
KB8TJH	SHIRLEY		WV
144.7300 / 145.3300			
KF4ODQ	EASTMAN	77.0	GA
WA4OGE	JONESBORO		GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4INN	VERSAILLES		KY
K5DMC	KILN		MS
KI4RK	GOLDSBORO	100.0	NC
N4VRD	MOUNT AIRY	100.0	NC
KF4JVI	TRYON		NC
WA4DFP	BAMBERG		SC
WT4E	COLLIERVILLE	107.2	TN
WD4DBJ	CUMBERLAND CITY		TN
WA4TEM	KNOXVILLE		TN
KE4ZBH	FARMVILLE		VA
W4VB	NORFOLK		VA
WR8M	WILLIAMSON	100.0	WV
144.7500 / 145.3500			
W4DOC	ATLANTA	146.2	GA
W4GTA	LOOKOUT MT	100.0	GA
KD4MFS	OCILLA		GA
AI4HB	RADCLIFF	173.8	KY
N4DRL	BYHALIA		MS
N5ZMZ	UTICA		MS
WA4AOS	CHARLOTTE		NC
WD4JPQ	GREENVILLE	131.8	NC
KE4OVN	DRESDEN	107.2	TN
WD4JYD	NOLENSVILLE	114.8	TN
N4AZJ	BLAND	103.5	VA
KF4LWH	SOUTH BOSTON		VA
W8GK	CHARLESTON	91.5	WV
W8SP	FAIRMONT	103.5	WV
144.7700 / 145.3700			
AA4UA	AUGUSTA		GA
KB4IZF	JASPER	100.0	GA
W4BKM	MACON		GA
KE4YVD	RICHMOND	192.8	KY
K5IJX	HATTIESBURG	136.5	MS
N5PYQ	SOUTHAVEN	107.2	MS
N4NCK	BUTNER		NC
W4HF	N. WILKESBORO		NC
K4PPD	SHALLOTTE		NC
KB4KIE	KNOXVILLE		TN
WR3S	NASHVILLE		TN
W4HZL	GLOUCESTER		VA
KC4RBA	LYNCHBURG	186.2	VA
WV8BD	BECKLEY/EOC		WV
K8VNQ	PARSONS	118.8	WV
144.7900 / 145.3900			
K4HYB	GRIFFIN	88.5	GA
WF4N	#CENTRAL CITY		KY
N4EQT	LAWRENCEBURG	107.2	KY
KC8FKP	SO. PORTSMOUTH	136.5	KY
KB5KGE	JACKSON		MS
N4ZVN	MONROE/UCARS	94.8	NC
WB4TQD	RALEIGH	82.5	NC
W4AM	CHATTANOOGA		TN
W4WC	GREENEVILLE		TN
WB4DOR	LEBANON		TN
K4ARO	ROANOKE/POOR MT	107.2	VA
KF8HL	#LENORE		WV
WD8EOM	WESTON		WV
144.8100 / 145.4100			
W4PME	ATLANTA/BELL	100.0	GA
K4KNS	AUGUSTA		GA
WA4MXO	JACKSON		KY
KK4CZ	LOUISVILLE	127.3	KY
KC5IF	D'IBERVILLE		MS
N4XO	CHINA GROVE	136.5	NC
K4SER	WILLIAMSTON	131.8	NC
N4VIH	DOVER		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

K4MFD	GRNVL/VIKING MT	173.8	TN
K5FE	MEMPHIS	107.2	TN
NQ4Y	MONTEAGLE MTN	114.8	TN
KF4ADM	WILLIAMSBURG	127.3	VA
N8FHE	BUCKHANNON		WV
WV8AR	RED HOUSE	123.0	WV
W8IFL	UNION		WV
144.8300 / 145.4300			
K4LCI	ATLANTA		GA
WA9RNZ	JESUP		GA
AA4RI	MACON		GA
KX5E	GLOSTER	136.5	MS
KU4W	RAEFORD	100.0	NC
K4QFQ	SPARTA/GREEN MT		NC
K4JR	SUMTER	156.7	SC
KB4YTU	BROWNSVILLE		TN
WF4Q	BUCKSNORT	107.2	TN
WA4UCE	COOKEVILLE		TN
WB4YLC	KNOXVILLE		TN
AD4OV	COEBURN	103.5	VA
W4SQT	RICHMOND		VA
WB8YST	CHARLESTON	107.2	WV
K8LG	MORGANTOWN		WV
144.8500 / 145.4500			
W4BOC	DECATUR		GA
KG4FEJ	ROCKFIELD	136.5	KY
WX5P	FULTON		MS
N5ZQC	SHARON	100.0	MS
WD4PLY	CRDR MT/GASTONIA		NC
WR4AGC	DURHAM		NC
K4GRW	NEWPORT		NC
WD4EOG	CLEMSON UNIV		SC
W4ZKM	JACKSON	123.0	SC
N7GZT	MT. PLEASANT		SC
K4SIR	BENTON		TN
WA4KOG	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KF4GHD	#MT PLEASANT	127.3	TN
AA4HQ	SALUDA		VA
KD4KAU	STAUNTON	131.8	VA
N8LGY	GRANTSVILLE	103.5	WV
WB8SXZ	WELCH		WV
144.8700 / 145.4700			
KD4HMH	BONAIRE		GA
KF4UM	RICEBORO		GA
N4CLA	SWEAT MT/MARIETT		GA
WB4GGH	BARDSTWN/NELSN	151.4	KY
KF4ZTB	HUEYSVILLE	79.7	KY
KF4BRO	MAYSVILLE	107.2	KY
WB5VYH	ABBEVILLE	107.2	MS
W4OIX	KINSTON		NC
W4NC	SAURATOWN MT	100	NC
KN4RG	GAFFNEY	141.3	SC
KI4CB	MYR BCH/CONWAY		SC
WB4GBI	KNOXVILLE		TN
KF4RBR	MOUNTAIN CITY	103.5	TN
N4ARK	NASHVILLE		TN
N4ZCM	SOUTH HILL		VA
W8FG	SUMMERSVILLE	100.0	WV
144.8900 / 145.4900			
W4DV	AUGUSTA		GA
KA4WUJ	CORDELE	103.5	GA
W4LMA	MARIETTA	88.5	GA
W4KVK	HENDERSON		KY
WB4CWF	LEXINGTON		KY
N5VGK	TUPELO		MS
NT4K	FRANKLIN		NC
WB4IKY	GIBSONVILLE	107.2	NC
W4BWC	RALEIGH	88.5	NC
W4APE	CHERAW		SC
WA4KOG	BRADEN		TN
WB4LHO	MCMINVL/SHT MT		TN
K4CQ	AMHERST	136.5	VA
W8MOP	BLUEFIELD		VA
WA4OHX	HAMPTON		VA
WV8G	PARKERSBURG		WV
146.0100 / 146.6100			
W4CVY	COLUMBUS		GA
WB4JEH	CONYERS	151.4	GA
WD4KWV	CORBIN		KY
KC4FRA	MADISONVILLE		KY
KC5QZW	LAUREL		MS
W4EWN	NEW BERN	100.0	NC
WB4TOP	RALEIGH	131.8	NC
KC4WIF	ELLOREE	118.8	SC
W4NYK	GRNVLE/CSRS HD		SC
W4AM	CHATTANOOGA		TN
WA4PCD	NASHVILLE		TN
K4JP	ABINGDN/BRMLY MT		VA
WA4YSE	CHESAPEAKE		VA
W4WWQ	LYNCHBURG	136.5	VA
WB8MZI	GASSAWAY		WV
146.0250 / 146.6250			
WA4UPE	ATL/UNION CITY	100.0	GA
N4UJT	ELBERTON		GA
K4HAO	VIDALIA		GA
WA4GOZ	BOWLING GREEN	103.5	KY
K4ULW	WEBSTER	151.4	KY
KC5ULN	COLUMBUS		MS
KE5WO	PORT GIBSON		MS
K4USB	BUXTON	131.8	NC
KI4RR	LAURINBURG		NC
KF4SXO	CHESTER		SC
WB4VXX	CORNERSVILLE	107.2	TN
WB4GBI	KNOXVILLE	100.0	TN
N4ABU	MARTIN		TN
K4SVA	JARRATT I-95	100.0	VA
WV8B	FLAT TOP/WINTRPL	100.0	WV
146.0400 / 146.6400			
WB4QGR	#ATLANTA		GA
W4FWD	CARROLLTON	131.8	GA
AE4PO	WAYCROSS	141.3	GA
WA4UXJ	CANE VALLEY		KY
K5XU	MADISON		MS
WB5NAY	MOOREVILLE		MS
WB4YAO	HENDERSONVILLE	100.0	NC
W4DW	RALEIGH		NC
W4NC	WINSTON-SALEM	100	NC
W4GL	SUMTER		SC
KA4QYI	HARRIMAN	100.0	TN
WB4KQQ	MEMPHIS		TN
AF4TZ	NASHVILLE	114.8	TN
W4WIC	FINCASTLE		VA
N4QLF	MARION	103.5	VA
WB4QEY	RICHMOND		VA
WB8EZR	HUNTINGTON/CHAS		WV
146.0550 / 146.6550			
N4NFP	ATLANTA/MARIETTA	118.8	GA
W4WSM	BOWLING GREEN-SO		KY
WD4DZC	DANVILLE		KY
K4CUW	PADUCAH		KY
KC5ZZH	MERIDIAN		MS
K4CEB	#CONCORD/KANNAP.		NC
WA4VTX	ELIZABETH CITY	131.8	NC
KD4KOJ	BEAUFORT		SC
N5CWH	GILBERT	162.2	SC
KD4AOK	BROWNSVILLE		TN
W4RDM	LAWRENCEBURG		TN
W4OLB	MARYVILLE/ALCOA		TN
WA4ISI	ALTAVISTA		VA
N8ZPX	FLATWOODS	123.0	WV
N8SNW	IAEGER	203.5	WV
146.0700 / 146.6700			
W4ABP	GAINESVILLE	131.8	GA
KF4SJO	HAZARD		KY
W4KBL	PRINCETON		KY
W5UBG	NEW ALBANY		MS
KB5ZCX	PURVIS		MS
K4FHB	BURLINGTON		NC
WA4BKU	FOREST CITY		NC
AD4DN	WILMINGTON	88.5	NC
AD4U	ST. MATTHEWS	156.7	SC
W4UD	BRISTOL		TN
K4BGW	LAFOLLETTE		TN
AF4TZ	NASHVILLE W	114.8	TN
W4CBM	DUBLIN		VA
KD4DDI	PAGECO		VA
K4RC	WILLIAMSBURG		VA
WD8JNU	RAVENSWOOD		WV
146.0850 / 146.6850			
K4NGA	ADAIRSVILLE		GA
K4KZY	FAYETTEVILLE		GA
KF4NTQ	GEORGETOWN	107.2	KY
N4WJS	OWENSBORO	110.9	KY
W5KHB	NATCHEZ		MS
W4NBR	GRIFTON	88.5	NC
KE4WSX	STATESVILLE		NC
K4USC	UNION		SC
KF4ARH	WALLAND	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
N8FMD	CLARKSBURG	103.5	WV
WB8NAM	DANVILLE		WV
146.1000 / 146.7000			
W4MM	#ALBANY		GA
K4UFO	JASPER		GA
KD4BWK	LAGRANGE	141.3	GA
WB4DOJ	MILLEDGEVILLE	67.0	GA
K4NLX	SAVANNAH		GA
KY4KY	BROOKS	151.4	KY
KD4DZE	GRAYSON	107.2	KY
WB4FUR	BAY ST. LOUIS		MS
W5LV	GRENADA		MS
W5FQ	MERIDIAN		MS
KD4GLB	CROSSNORE	167.9	NC
N4CID	DUNN		NC
W4PAX	LANCASTER		SC
WT4F	PICKENS	107.2	SC
KF4BVQ	ANDERSON CTY	100.0	TN
W4UOT	MANCHESTER	114.8	TN
WB4MMI	RAMER	107.2	TN
WA4YGM	UNION CITY		TN
K4AU	DANVILE/WHT OAK	107.2	VA
KF8PT	NORFOLK		VA
KD4WWF	STAUNTON	131.8	VA
KC8AFH	BECKLEY	123.0	WV
146.1100 / 146.7100			
KF4FO	HOPKINSVILLE		KY
146.1150 / 146.7150			
K4NVG	LAVONIA	100.0	GA
W4ABZ	RINGGOLD	67.0	GA
KF4OFT	BEREA	100.0	KY
KA5TQY	GREENWOOD		MS
KD4JFN	HAW RIVER	107.2	NC
N4GGN	MILLERS CREEK		NC
WB4NEP	COLUMBIA		SC
KB4JUB	SALTILLO		TN
W9KIC	BLACKSBURG		VA
W4TTL	WALKERTON		VA
146.1300 / 146.7300			
W4MM	ALBANY		GA
KD4NC	ATLANTA/SWEAT MT		GA
K4TVE	BRUNSWICK		GA
WR4DH	MACON	100.0	GA
AC4AO	LEXINGTON		KY
AA4NI	#NEBO		KY
KC5IF	BILOXI		MS
KD5GVU	STARKVILLE	210.7	MS
W4BWC	RALEIGH	88.5	NC
W4EXU	SALISBURY	94.8	NC
W4VNK	WILMINGTON		NC
K4NAB	N. AUGUSTA		SC
WA4UKX	SIMPSONVILLE	100.0	SC
WB4IOB	KNXVL/ENG MT		TN
KE4LFZ	MEMPHIS	107.2	TN
K4EHL	WATERTOWN	100.0	TN
W4QR	HAMPTON		VA
WB8SPW	LEWISBURG	100.0	WV
146.1450 / 146.7450			
KD4QHB	ATHENS		GA
K4WOC	CALHOUN	100.0	GA
WA4TTC	GREENVILLE		KY
KD4RTR	MILLARD	141.3	KY
KC5VZI	#NEW ALBANY		MS
KC4QPR	MORGANTON	94.8	NC
NN4N	DILLON/PEE DEE		SC
WB4RCK	DYERSBURG		TN
KC4WHL	HARRIMAN		TN
AA4YQ	WARTBURG		TN
K4ROA	ROANOKE/POOR MT	107.2	VA
146.1600 / 146.7600			
W4RRG	LOOKOUT MT.	67.0	GA
W4BOC	STONE MT	107.2	GA
WR4MG	UNADILLA	107.2	GA
KF4BJM	VALDOSTA	141.3	GA
K4KJQ	LEXINGTON		KY
K4CUW	PADUCAH		KY
W5AXQ	JACKSON		MS
WA4BVW	ASHVL/MT PISGAH		NC
K4GWH	GREENSBORO	88.5	NC
KB2XI	SWANSBORO		NC
WB4THL	WILSON	131.8	NC
K4ESG	MT PLEASANT		SC
K4JP	BRSTL/HOLSTN MT		TN
WA4PCD	NASHVILLE	114.8	TN
WA4TFZ	CHARLOTTESVILLE	88.5	VA
KB4ZIN	WILLIAMSBURG		VA
W8VA	HUNTINGTON		WV
N4RAG	LEWISBURG	131.8	WV
W8CUL	MORGANTOWN		WV
W8ZQ	WHEELING		WV
146.1750 / 146.7750			
N4NEQ	MARIETTA	118.8	GA
KB4NA	WRENS		GA
W4PPM	MIDDLESBORO		KY
KJ4OG	TOMPKINSVILLE		KY
AE4SK	VANCEBURG		KY
K5PN	HATTIESBURG	136.5	MS
NC4SU	RALEIGH	88.5	NC
W4ZU	SOUTHPORT	100.0	NC
KF4GHC	FORT JACKSON	156.7	SC
WF4Q	FRUITLAND	107.2	TN
W4JVO	PULASKI/MUSIC MT		TN
AG4AN	FOREST	131.8	VA
WB3T	WYTHEVILLE	107.2	VA
KB8BWZ	ELKINS		WV
146.1900 / 146.7900			
KD4GEY	FOLKSTON		GA
WD4KOW	MOULTRIE		GA
K4SEX	NEWNAN		GA
K4VYX	SWAINSBORO		GA
W4YWH	HIGHLAND HEIGHTS	123.0	KY
KA4UHL	NANCY	100.0	KY
K5TYP	BILOXI		MS
W4TLP	CLINTON		NC
KG4ASL	SAURATOWN MT	107.2	NC
N4AW	ANDERSON/SAS MT		SC
WA4USN	CHARLESTON		SC
W4AM	CHATTANOOGA		TN
W4ABR	JOHNSON CITY		TN
W4KIB	MEMPHIS	107.2	TN
W4SQE	NASHVILLE		TN
N4SD	CHESAPEAKE		VA
NM8T	OAK HILL		WV
146.2050 / 146.8050			
K4PDQ	MACON	77.0	GA
KA4NNE	ELKTON	151.4	KY
W8PRH	HAZARD		KY
KF5C	STARKVILLE	192.8	MS
K5IMT	#VICKSBURG		MS
N4EWG	FAYETTEVILLE		NC
K4GNC	GASTONIA/CRWDR		NC
W4DCG	ROCKY MOUNT	118.8	NC
KF4ATU	ORANGEBURG	156.7	SC
KF4TNP	#CORNERSVILLE		TN
W4EYJ	CROSSVILLE	131.8	TN
WB4MMI	SELMER	107.2	TN
WA4HTI	COVINGTON		VA
W4TTL	MECHANICSVILLE		VA
147.4050 / 146.8050			
KC4AQS	JASPER	100.0	GA
W4DJB	CANTON		NC
KD4TC	#HONAKER		VA
146.2200 / 146.8200			
W4MM	ALBANY		GA
W4DOC	ATLANTA	146.2	GA
K4HVK	KIBBEE		GA
KF4DKJ	DRAKESBORO		KY
W4CMR	IRVINE	192.8	KY
K5HYE	MAGEE	100.0	MS
WB4PZA	ROARING GAP		NC
K4GMP	WILMINGTON	88.5	NC
KT4NZ	CAMDEN	131.8	SC
W4NYK	GRNVLE/PARIS MT		SC
WB4OAH	LAKE CITY		TN
W4BS	MEMPHIS		TN
KB4PNG	#ONEIDA		TN
W4UOT	WINCHESTER		TN
W4CAR	CHESAPEAKE	162.2	VA
N4WWB	GATE CITY		VA
WB8IFS	CHARLESTON		WV
146.2350 / 146.8350			
KC4GSS	THOMSON		GA
KC4ZOX	SALVISA	192.8	KY
WB4PLA	#ASHEVILLE		NC
KB4TOH	COLUMBIA	131.8	NC
W4USH	WADESBORO		NC
KT4YW	CHARLESTON		SC
KB4YTM	HUNTINGDON		TN
W4LYR	WATERTOWN	100.0	TN
KK4EH	GRUNDY/BIG A MT		VA
N4UTN	RUSTBURG/LONG MT	173.8	VA
147.4350 / 146.8350			
N4KHQ	DAHLONEGA	100.0	GA
KB4BPV	HIGH POINT		NC
146.2500 / 146.8500			
W4RPO	DALLAS		GA
KE4WAQ	SAVANNAH		GA
WA4ORT	WARNER ROBINS		GA
KM4IV	PIKEVILLE		KY
K5JMD	BUDE	103.5	MS
WB5MFK	IUKA		MS
W5LWC	KOSCIUSKO		MS
K4CYP	GOLDSBORO		NC
WA4DSZ	HICKORY/BRT. MT		NC
N4IV	REIDSVILLE	103.5	NC
W4ULH	FLORENCE		SC
WA4KJH	GTLBG/COVE MTN	127.3	TN
WA4KOG	MEMPHIS		TN
W4AY	NASHVILLE	114.8	TN
W4POX	PORTSMOUTH		VA
WA4ZBP	STAUNTON	131.8	VA
WV8BD	BECKLEY/FLAT TOP		WV
N8ZAR	BUCKHANNON		WV
146.2650 / 146.8650			
N4ZON	JESUP	123.0	GA
WB4DKY	MADISON	179.9	GA
AD4MU	OWENSBORO		KY
KG4AEU	RICHMOND	192.8	KY
KD4HLH	LAURENS	107.2	SC
KF4DPU	CROSSVILLE		TN
KN4KP	TRENTON		TN
KF4VDF	NORTON	103.5	VA
147.4650 / 146.8650			
N5DWU	ELLISVILLE	136.5	MS
KB4YSX	MURPHY/STALCUP	151.4	NC
WA4ZRS	WAXHAW	94.8	NC
WZ8E	MOUNTAIN LAKE	110.9	VA
146.2800 / 146.8800			
W4CVY	COLUMBUS		GA
W4BTI	MARIETTA/ATLANTA	100.0	GA
WA4NKL	QUITMAN		GA
W4HBB	SAVANNAH		GA
W4PF	LOUISVILLE		KY
KA4UHL	SOMERSET	77.0	KY
K5QNE	JACKSON	100.0	MS
KE5SJ	PASCAGOULA		MS
WB4TQD	RALEIGH		NC
W4NYR	SHELBY		NC
N7GZT	ORANGEBURG		SC
WD4CYZ	BRISTOL		TN
WA4KOG	MEMPHIS		TN
WA4PCD	NASHVILLE		TN
W4SKH	OAK RIDGE		TN
W4RAT	RICHMOND		VA
WA4V	SALEM		VA
WB8CQV	SO. CHARLESTON	203.5	WV
146.2950 / 146.8950			
N4VNI	HARTWELL	100.0	GA
WR4MG	HAWKINSVILLE	107.2	GA
N3SM	MACON	123.0	GA
K4JBV	FLORENCE	100.0	KY
KA4BLZ	LYNN GROVE	210.7	KY
W4APE	PAGELAND		SC
KF4HNV	CROSSVILLE	118.8	TN
WD4EGD	DANDRIDGE		TN
WA4KXV	VIRGINIA BEACH		VA
WB3T	WYTH/WALKER MT	103.5	VA
147.4950 / 146.8950			
WD4LUQ	DALLAS	77.0	GA
KC4KZT	DORTON	141.3	KY
N5DWU	ELLISVILLE	136.5	MS
146.3000 / 146.9000			
WB4WVH	IRVINGTON		KY
146.3100 / 146.9100			
WB4HIG	CLEVELAND		GA
K4HYB	GRIFFIN		GA
K4GFY	MOREHEAD	123.0	KY
KS4TO	WADDY	107.2	KY
K5VV	HERNANDO		MS
WA5JZL	LUCEDALE		MS
K5OCM	NATCHEZ	91.5	MS
WA4ZGQ	AHOSKIE	131.8	NC
W4MOE	ASHVL/SPIVEY MT	91.5	NC
WB4YZF	FAYVLLE/CFARS	100	NC
K4IZM	LEXINGTON	107.2	NC
WA4SJS	WHITE HALL		SC
KC4ROG	KNOXVILLE		TN
W4YXA	SHORT MTN		TN
KE4ZBH	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB	107.2	VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
N4PJR	JESUP		GA
W4BEJ	RADCLIFF		KY
WB5VOJ	CORINTH	107.2	MS
AD4T	#DOBSON	100.0	NC
W4APE	BISHOPVILLE		SC
W4GZX	CLEVELAND		TN
WA4TLZ	CUMBERLAND CITY	127.3	TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE		VA
WB4GJG	DANVILLE(DCC)	107.2	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO	88.5	GA
WA4RVB	WRIGHTSVILLE		GA
KG4DVE	ASHLAND		KY
KY4X	GLASGOW	114.8	KY
K4MSU	MURRAY		KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
K5JMD	MCCOMB		MS
KA4PAY	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	MANTEO/WANCHES		NC
KF4CDR	CHARLESTON		SC
W4IQQ	GREENVILLE		SC
WB4GBI	KNOXVILLE		TN
N4BSM	MEMPHIS	107.2	TN
K4UMI	HAMPTON		VA
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
146.3550 / 146.9550			

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KD4AOZ	ATHENS	123.0	GA
KE4RQT	BLAIRSVILLE	100.0	GA
WR4MG	PERRY	107.2	GA
KF4BRO	FLEMINGSBURG	107.2	KY
WB9SHH	MONTECELLO	88.5	KY
N5EKR	ELLISVILLE		MS
KC5OB	ISOLA		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA	100.0	VA
N4CFA	FARMVILLE	136.5	VA
146.3700 / 146.9700			
K4CLJ	ATLANTA		GA
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
KI5FW	MERIDIAN	100.0	MS
N5PH	PASCAGOULA		MS
N5EYM	WINONA	110.9	MS
KD4BJD	BENSON		NC
N4XRY	MOUNT AIRY		NC
N4AW	ANDERSON		SC
W4GEY	FLORENCE		SC
W4TRC	KNGSPT/BAYS MT		TN
WD4MWQ	MCMINNVILLE		TN
WA4RWK	MEDINA		TN
W4SKH	OAK RIDGE		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KJ8E	LOGAN/WRD RK MT		WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
K4KNS	AUGUSTA	100.0	GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N4SEI	#JONATHAN CREEK		KY
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA	107.2	MS
K4OGB	ALBEMARLE		NC
WD4PVE	MARION	118.8	NC
KC4PRD	NASHVILLE		TN
KK4MW	#CLINCHCO	103.5	VA
KE4SCS	PETERSBURG	131.8	VA
W4CA	ROANOKE/POOR MT		VA
KF8LL	NEW MARTINSVILE		WV
146.4000 / 147.0000			
WA4NNO	ATLANTA		GA
K5UFH	CORINTH		MS
KE5TL	#VANCLEAVE		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
KD4HTW	MARION		SC
WB4YXZ	PICKENS		SC
KD4CWB	#KNOXVILLE	100.0	TN
W4ZJM	MEMPHIS	*#	TN
W4LG	SUFFOLK	100.0	VA
K8WMX	ST ALBANS		WV
147.6000 / 147.0000			
W4EEE	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
KC5ULN	COLUMBUS		MS
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
W4CBX	BLOUNTVILLE		TN
WD4SGA	CLARKSVILLE		TN
KA6UHV	COLLEGEDALE	131.8	TN
KD8ZR	TERRA ALTA		WV
146.4150 / 147.0150			
N4GIS	CARTERSVILLE	100.0	GA
N4YSB	YADKINVILLE		NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNB	88.5	VA
147.6150 / 147.0150			
K4EDN	BONAIRE	82.5	GA
KF4UM	HINESVILLE		GA
AD4RU	IRVINE		KY
N5JHK	MONTICELLO		MS
NC4LC	LINCOLNTON	141.3	NC
KD4MYE	RALEIGH		NC
W4GL	SUMTER	156.7	SC
AF4TZ	NASHVILLE		TN
AA4KS	RCKWD/MT ROSVLT		TN
WF4Q	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
WV5D	LAUREL		MS
KU4OL	MOUNTAIN REST		SC
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4REI	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
W5LDD	OCEAN SPRINGS		MS
AG4AZ	#BREVARD/RICH MT		NC
KG4BTN	GREENSBORO	131.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KF4CVO	BARNWELL	156.7	SC
K4NMB	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC8IT	MULLENS		WV
WB8ECC	ST.MARYS/BENS RG		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
KE4ZRT	DOUGLAS	141.3	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KJ4VF	GRETHEL	100.0	KY
KE4OOS	PARIS	141.3	KY
KB5LCL	MORTON	141.3	MS
N1BEC	BALD CREEK		NC
W4NHV	LUMBERTON		NC
KC4MJC	#STATESVILLE	77.0	NC
K4ILT	ST. GEORGE	123.7	SC
WD4OZN	BOLIVAR		TN
W5BAK	LIVINGSTON		TN
K4AYN	NASHVILLE		TN
KE4CKJ	STAUNTON/EL.KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KD4LDU	CHARLESTON	141.3	TN
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
K4LOL	BOWLING GREEN	156.7	KY
W4NJA	PADUCAH	103.5	KY
N5OCF	RICHTON		MS
WA4LED	MACO	88.5	NC
W4VFR	SUMTER/SHAW		SC
KB4UG	GREENEVILLE	186.2	TN
WA4MQQ	MEMPHIS		TN
N4VFB	SHELBYVILLE		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4NMC	LOUISVILLE	151.4	KY
146.4750 / 147.0750			
NM8T	SMITHERS		WV
147.6750 / 147.0750			
W4CLA	CLAXTON		GA
W4GR	LAWRENCEVILLE	82.5	GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4CCR	NEWTON	88.5	NC
KD4JFN	PITTSBORO	146.2	NC
KT4BU	EASTOVER	156.7	SC
WQ4E	GREENBRIER	107.2	TN
WB4GBI	KNOXVILLE		TN
WF4Q	MCNAIRY	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KE4RWR	BAINBRIDGE		GA
KC4YHM	EATONTON	179.9	GA
K2YRW	YOUNG HARRIS		GA
KF4CWK	DAWSON SPRINGS	103.5	KY
KJ4YK	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
WB5FXH	#SUMNER		MS
W4GDF	GREENVL/ESTN NC		NC
KI4DH	STAR/BISCOE	100.0	NC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	SPARTANBURG		SC
AD4QG	EVA		TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
N4RAG	MARLINTON	131.8	WV
147.7050 / 147.1050			
WB6RTH	ATLANTA	107.2	GA
KF4DG	PEMBROKE		GA
N4EQT	FRANKFORT	107.2	KY
WA4ZAC	HARLAN		KY
W5SAR	WAYNESBORO		MS
K4ITL	BROADWAY	82.5	NC
WA4KNI	HENDERSONVILLE		NC
KD4NEC	CLEVELAND		TN
K4TC	HENDERSON		TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
KB4ZIN	WILLIAMSBURG		VA
KA8AUW	SPENCER	100.0	WV
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
K4HCA	CLARKESVILLE		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
N4GAS	GASTONIA/SPCR MT		NC
WN4Z	ROCKY MOUNT	131.8	NC
W4GS	MYRTLE BEACH		SC
W4GGM	COLUMBIA	127.3	TN
N4WAH	MEMPHIS	107.2	TN
K4EAJ	OAK RIDGE	82.5	TN
WB8POC	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	118.8	GA
WR4SG	LAKE PARK	141.3	GA
K4GK	MILLEDGEVILLE	123.0	GA
KF4CME	BARBOURVILLE	100.0	KY
KE4SZK	FRANKLIN	136.5	KY
KF4WMM	SANDY HOOK	107.2	KY
KB5UIX	VOSSBURG	136.5	MS
K4HXZ	BREVARD		NC
K4ITL	CHAPEL HILL	82.5	NC
WA4US	WILMINGTON	67.0	NC
KF4GPE	CHESTERFIELD		SC
KG4BZN	WALTERBORO		SC
WB4EDS	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
KC8TLG	ROCKPORT	123.0	WV
147.7500 / 147.1500			
WB4GQX	CUMMING		GA
WA4IDS	SAVANNAH		GA
KD4YGK	LEBANON JCT.	203.5	KY
KG4CCW	LOUISVILLE	141.3	KY
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
K4ITL	ROANOKE RAPIDS	82.5	NC
WD4NUN	MONCKS CORNER		SC
WA4PCD	NASHVILLE WEST	114.8	TN
K4EAJ	OAK RIDGE	82.5	TN
KB4RFN	CLINCHCO	88.5	VA
KB8YDG	RICHWOOD	100.0	WV
147.7650 / 147.1650			
KE4ZRT	DOUGLAS	141.3	GA
KF4XH	#MACON		GA
N4NEQ	MORGANTON	151.4	GA
N4OME	TYRONE		GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
W4UA	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
KF4BRS	ERWIN/UNICOI		TN
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
W4CM	NEWPORT NEWS		VA
KA8TCF	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
WB4BDP	WARNER ROBINS		GA
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE	88.5	KY
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	FORT MILL		SC
W4HNK	SUMMERVILLE	123.0	SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
KB4YKV	AMELIA COURTHSE		VA
WD4ITN	MONTEREY	100.0	VA
N4NRV	PKS KB/PULASKI	103.5	VA
WD8OHX	LEON		WV
147.7950 / 147.1950			
K4JPD	ATLANTA		GA
W4UCJ	BOSTON		GA
KT4SH	CADIZ	103.5	KY
KJ4VF	LEXINGTON		KY
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
W4APE	FLORENCE		SC
KC4FV	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
AF4OQ	SARDIS	94.8	TN
WA4RTS	LYNCHBURG	136.5	VA
WT4RA	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH	100.0	WV
147.8100 / 147.2100			
KF4GHF	CONYERS	162.2	GA
K4NLX	SAVANNAH		GA
KB4DFK	BLACK MOUNTAIN	103.5	KY
K4HY	OWENSBORO	110.9	KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4SLH	ORIENTAL	151.4	NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
N4WS	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
KG4ABK	DOERUN		GA
W4RLP	SUMMERVILLE	100.0	GA
KG4OOZ	LITCHFIELD	179.9	KY
N4DRL	BYHALIA		MS
W5BJT	#FRENCH CAMP		MS
WB4SRV	CLAREMONT	162.2	NC
WR4AGC	HILLSBOROUGH		NC
W4DTW	ST. GEORGE		SC
NO4Q	MCEWEN		TN
WB4OAH	MORRISTOWN		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KC4QK	ASHLAND	107.2	KY
W4GZ	FARMINGTON	91.5	KY
KC4AI	FRANKFORT	100.0	KY
KF4TLT	HYDEN	186.2	KY
KG5YV	RAYMOND	136.5	MS
N5ELS	TUPELO		MS
W2SE	CARTHAGE		NC
W4SIJ	FOREST CITY	123.0	NC
W4GHZ	FRANKLIN	151.4	NC
W4IAR	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MT	107.2	VA
K8WGB	#GASSAWAY	123.0	WV
147.8550 / 147.2550			
KR4NQ	SNELLVILLE	107.2	GA
AE4PO	WAYCROSS	141.3	GA
N4IOX	#DIXON		KY
K4CO	HIGHLAND HTS.	123.0	KY
KC5RC	LAUREL		MS
KJ4AV	ASHEBORO		NC
WA4KNI	HENDSVL/PENIC		NC
W4RRC	LEESVILLE	123.0	SC
WA4JA	FRANKLIN		TN
KJ4SI	PETROS/FRZ HD MT		TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#CLINCHCO		VA
KC8CNL	HINTON	100.0	WV
WA8LLM	PARKERSBURG		WV
147.8700 / 147.2700			
KF4ZUR	ALLENHURST	162.2	GA
W4VIR	AMERICUS		GA
KF4GHF	COVINGTON	162.2	GA
WB4EJK	LOUISVILLE	151.4	KY
KE4AIE	ST. CHARLES		KY
WB5USN	ABERDEEN		MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH/BENSON		NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WA4YQC	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING		VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
W4PVW	ASHBURN/TIFTON	141.3	GA
KA5WZY	ATLANTA		GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
KA4FGA	#MARION		KY
N5LJC	COLUMBIA		MS
KB5TGA	CORINTH		MS
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
W4RCW	#WHITE OAK MTN		SC
KF4JPT	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA
W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
147.9000 / 147.3000			
N4ALE	COLBERT		GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
W4YSB	JEFFERSON	103.5	NC
N4JEX	KANNAPOLIS	136.5	NC
W4MZP	RED SPRINGS		NC
WB4IUY	WILSON	88.5	NC
K4LWS	AWENDAW	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS	107.2	TN
W4LG	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON	131.8	VA
WB8NSL	HARISVL/PENSBRO		WV
147.9150 / 147.3150			
AD4EQ	DOUGLAS	141.3	GA
W4STJ	FORSYTH	88.5	GA
W4LJM	#HODGENVILLE		KY
KC4VXR	SALEM		KY
N5DWU	WAYNESBORO		MS
KF4HFQ	ROLESVILLE	88.5	NC
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE		NC
N4UZT	N. SPARTANBURG	141.3	SC
KD4HZN	ROGERSVILLE	114.8	TN
N4ARK	SPARTA	123.0	TN
AJ4D	TELLICO PLAINS	141.3	TN
K4HWQ	GRUNDY		VA
147.9300 / 147.3300			
W3LAP	COCHRAN	77.0	GA
WB4BXO	LAGRANGE		GA
K4NLX	SAVANNAH		GA
KA4DIP	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
WD4KNE	#MT. STERLING		KY
N4IUI	#PROVIDENCE		KY
N5EPP	PHILADELPHIA		MS
W4LPL	FAYVLLE/FT BRAGG		NC
KN4K	LENOIR/HIBRITN	141.3	NC
KF4GHC	COLUMBIA	156.7	SC
WD4ORB	MORGAN COUNTY	82.5	TN
WD4RBJ	PULASKI	100.0	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
N4PJR	JESUP/SCREVEN		GA
WD4JZH	LEBANON	151.4	KY
KF4TLT	STINETT		KY
KG5SF	GREENVILLE		MS
N5ZMZ	UTICA		MS
WA4IXW	MADISON	103.5	NC
W4NYR	SHELBY		NC
KF4DTL	SYLVA	151.4	NC
WA4TEP	WASHINGTON		NC
KF4CDR	ADAMS RUN (CHAS)		SC
KB4RRC	PALMETTO		SC
K4BBN	CROSS PLAINS		TN
K4PHT	DAYTON		TN
NM4L	ABINGDON	103.5	VA
KC4KMY	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
NU8K	LOGAN/SUMERCO		WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
KQ9Z	LOUISVILLE		KY
W5CJR	HATTIESBURG		MS
KC5QGC	LOUISVILLE		MS
K5SVC	NATCHEZ	100.0	MS
WA4J	BOONE/RICH MTN	103.5	NC
WD4LDB	DURHAM		NC
W4PET	LUMBERTON		NC
N4EOY	COLUMBIA		SC
KA4OAK	LAFOLLETTE		TN
W4BS	MEMPHIS	107.2	TN
AF4TZ	NASHVILLE		TN
K4KLX	PARIS		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY	123.0	WV
WV8TC	MIDDLEBOURNE	110.9	WV
K7SOB	SKYLINE	127.3	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD	127.3	GA
KB4VAK	LAFAYETTE	77.0	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KD4YGK	CENTER	151.4	KY
K4CO	WALTON	123.0	KY
KA5VFU	GULFPORT		MS
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KC4UMO	#GREENVILLE		NC
KI4CB	GEORGETOWN		SC
K4LEO	#GREENWOOD		SC
KN4HL	DICKSON		TN
W4NRV	PEARISBURG	100.0	VA
WD8LNB	GRAFTON	118.8	WV
147.9800 / 147.3800			
WB5NAY	PONTOTOC		MS
147.9900 / 147.3900			
KE4SNT	#BLACK ROCK MT		GA
W4CJB	PEMBROKE		GA
W4OHH	THOMASTON	131.8	GA
KE4INT	#ARTEMUS	107.2	KY
WR8CRA	COVINGTON		KY
KF4TOL	CRESTWOOD	151.4	KY
N8QCW	LOUISA	127.3	KY
KC5QHP	FOREST	100.0	MS
WA4CHZ	AQUADALE		NC
WB4IUY	CLAYTON	88.5	NC
WA4QBG	EDEN/STONEVILLE		NC
K4PPD	SHALLOTTE		NC
N4DTR	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	#CLARKSVILLE		TN
K4DPD	DAYTON/RHEA CTY		TN
WB4VXX	#LEWISBURG		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV

220 MHZ

222.1800 / 223.7800			
WD8OHX	#LEON		WV
222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KC4QK	ASHLAND		KY
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	SMITHVILLE		TN
222.3800 / 223.9800			
W4CAT	GALLATIN	107.2	TN
222.4200 / 224.0200			
WB4JEH	#CONYERS		GA
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.5000 / 224.1000			
KA4UHL	NANCY	100.0	KY
W4UWH	FRANKLIN	94.8	NC
KF4TNP	LEWISBURG		TN
WB4YHD	FAIRFAX		VA
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	118.8	GA
WM4MD	MIDDLESBORO	82.5	KY
N1BEC	BALD CREEK		NC
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL	100.0	WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
W5SAR	WAYNESBORO		MS
WR4BEG	SOPHIS/RANDLEMAN		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
N4HRV	CHARLOTTESVILLE	88.5	VA
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
N7GZT	COLUMBIA		SC
WR3S	NASHVILLE		TN
KF4VED	BLUEMTN		VA
222.5800 / 224.1800			
N4YDX	DALLAS		GA
KA4NRL	CHARLESTON		SC
KB8FPK	ERWIN	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	#ATLANTA-NE	100.0	GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
W4CBX	BLOUNTVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
WB4GUG	STUART	107.2	VA
222.6200 / 224.2200			
N4NEQ	ATLANTA/MARIETTA		GA
AD4CR	VERSAILLES		KY
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KO4BN	SPRINGFIELD		TN
N3HXT	WINCHESTER		VA
KC8LRN	HILLSBORO	131.8	WV
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
KE4QOX	KVILLE/HIPOINT	107.2	NC
N8FWL	BECKLEY	123.0	WV
222.6600 / 224.2600			
KE4QFG	MARIETTA	110.9	GA
KF4ZTB	GARRETT		KY
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
N4BLR	ATLANTA		GA
AC4RZ	PICKENS		SC
KA4OAK	LAFOLLETTE		TN
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
WA4KM	TEMPLE	100.0	GA
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	123.0	GA
KA4SQN	JACKSONVILLE		NC
W4IT	PICKENS/SASFR MT		SC
KK4US	CLEVELAND		TN
223.7200 / 224.3200			
K4TDO	LYNCH		KY
222.7400 / 224.3400			
W4DOC	ATLANTA		GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
KM4OI	TYSONS CORNER		VA
N8FWL	BECKLEY/OAK HILL	123.0	WV
222.7600 / 224.3600			
N4BZJ	DALTON		GA
WB4PAC	#GRIMESLAND		NC
WA4TG	MARSHALL		NC
WR3S	LAVERGNE		TN
KE4JSV	LURAY		VA
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	DAHLONEGA	100.0	GA
WR4AMS	META		KY
N4OQJ	KNOXVILLE	100.0	TN
WS4W	RIDGEWAY		VA
222.8000 / 224.4000			
KC4AQS	JASPER	100.0	GA
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
N4RBB	MORRISTOWN		TN
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE	123.0	GA
AC4AO	LEXINGTON		KY
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNB		VA
WB8POC	PATRICK SPRINGS	103.5	VA
WD4KHP	BELL KNOB		VA
222.8400 / 224.4400			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
WB4GUG	GREENSBORO	107.2	NC
KN4CW	WEST SPRINGS		SC
KC4TFQ	#NASHVILLE		TN
N2FUV	SEVIERVILLE		TN
N8FWL	BLUEFIELD	123.0	VA
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
KB0Y	VALDOSTA	141.3	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KC4ZTJ	SHELBY		NC
WR3S	NASHVILLE		TN
222.8800 / 224.4800			
KE4IPX	NORCROSS		GA
KC4FWC	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	123.0	GA
N4FND	SHEPHERDSVILLE	151.4	KY
N4DRL	BYHALIA		MS
AD4DN	WILMINGTON	88.5	NC
KG4JIA	GAFF/THICKETY MT	123.0	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
KE4AIS	PINE LOG MTN		GA
WR4AMS	DORTON		KY
KR4HJ	LEXINGTON	107.2	NC
K4RWN	LITTLE MTN		SC
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	SPRINGFIELD	107.2	TN
WB4PVT	HAMPTON	100.0	VA
N8FWL	BECKLEY - WEST	123.0	WV
222.9600 / 224.5600			
W4RRG	LOOKOUT MT		GA
KD4RXF	LANCASTER		KY
WB4YZF	FAYETTEVILLE		NC
N5CWH	COLUMBIA	162.2	SC
AC4JF	NEWPORT	100.0	TN
222.9800 / 224.5800			
NX9O	ALPHARETTA	100.0	GA
WB4F	PIKEVILLE		KY
KR4AA	ROCKY MOUNT		NC
WA4RQF	#WALKERTOWN		NC
KB4VFD	CROSS		SC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
W4UWH	JASPER	100.0	GA
WB4PLA	ASHEVILLE		NC
KC4KUL	#THOMASVILLE		NC
KD4TZZ	MURFREESBORO	123.0	TN
W4LG	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL	100.0	GA
KD4DAR	PIKEVILLE		KY
KC4IRA	GASTONIA	127.3	NC
KD4JFN	HAW RIVER	107.2	NC
W4UWH	GATLINBURG		TN
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
W4RRG	LOOKOUT MT.		GA
W4RNC	RALEIGH		NC
WA4RQF	WALKERTOWN		NC
KC4SWI	COLUMBIA		SC
KC4RGQ	MORRISTOWN		TN
N8FWL	ANSTED	123.0	WV
223.0600 / 224.6600			
NP2Y	YOUNG HARRIS	100.0	GA
KE4RQL	BIG KNB/MARS HIL	100.0	NC
WA1YYN	EFLAND	107.2	NC
W4VFR	SUMTER/SHAW		SC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
WB4KPF	WILMINGTON		NC
KA4RCL	WAYNESBORO	131.8	VA
N8FWL	WYTHEVILLE	123.0	VA
223.1000 / 224.7000			
W4TIY	DALLAS		GA
WB9SZL	CLEMMONS	100.0	NC
KM4TC	DUNCAN	88.5	NC
KD4VUW	GALLATIN		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
223.1200 / 224.7200			
W4UWH	CLAYTON		GA
WR4AMS	PRESTONSBURG		KY
WA4DAN	TRENTON		NC
223.1400 / 224.7400			
N4KVC	DALTON		GA
KD4WAR	BURNSVILLE		NC
N4NCK	OXFORD		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	NORFOLK	100.0	VA
N8FWL	BECKLEY - SOUTH	123.0	WV
223.1600 / 224.7600			
W4BOC	STONE MT		GA
KB7BTU	PLYMOUTH	131.8	NC
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
K4PCK	KNOXVILLE		TN
WR3S	S. PITTSBURG		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
KC4KLW	CEDARTOWN	179.9	GA
WB5OWY	VICKSBURG		MS
N4IV	EDEN	103.5	NC
KO4BR	ORANGEBURG		SC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
W4IY	WOODBRIDGE		VA
223.2000 / 224.8000			
KR4BD	LEXINGTON		KY
KD4WJD	ZEBULON	88.5	NC
WZ4SC	FORT MILL		SC
WQ4E	GREENBRIAR		TN
KD4IBW	SEVIERVILLE		TN
KC8LRN	LEWISBURG		WV
223.2200 / 224.8200			
KK4C	ATLANTA	77.0	GA
WR4MG	HAWKINSVILLE	107.2	GA
WR4AMS	HAZARD		KY
N4DWU	CANTON		NC
KD4LHP	KERNERSVILLE	107.2	NC
223.2400 / 224.8400			
W4TL	GAINESVILLE	131.8	GA
WR4MG	WARNER ROBINS		GA
WA4NC	BANNER ELK		NC
WA4DAN	GRIFTON		NC
KC4WGH	COALFIELD	88.5	TN
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
K4NOC	BISHOPVILLE		SC
KQ4Q	PEARISBURG	103.5	VA
223.2800 / 224.8800			
WD4LUQ	YORKVILLE	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
N4EQT	LAWRENCEBURG	107.2	KY
N4EOY	COLUMBIA		SC
WD9JGI	SWEETWATER	127.3	TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
W4CSX	SNELLVILLE	100.0	GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
W4RRG	SIGNAL MT		TN
WA8O	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
KB4GDS	WALESKA		GA
AD4RU	IRVINE		KY
N4JJ	FLORENCE		SC
WB4NKM	GREENEVILLE		TN
WA4PCD	NASHVILLE		TN
AB4EM	ROANOKE/CAHAS MT		VA
223.3600 / 224.9600			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
KC4ZTJ	CHERRYVILLE		NC
W3PS	GOLDSBORO	156.7	NC
N4QVI	GREENSBORO		NC
N4UQS	HENDERSONVILLE		NC
WR3S	SE NASHVILLE		TN
223.3800 / 224.9800			
K4JSR	CUMMING		GA
WR4AMS	LONDON		KY

440 MHZ

426.0500 / 420.0500			
KB4CVN	LYNCHBURG	136.5	VA
434.0000 / 421.2500			
W4ZTL	ATLANTA/BELL		GA
K4NLX	SAVANNAH		GA
KJ4SO	DURHAM TV HILL		NC
KO4AT	GREENSBORO		NC
WD4ATV	JOHNSON CITY/BUF		TN
WA4GSS	HUNTINGTON		WV
KB8QHO	WHEELING		WV
439.2500 / 421.2500			
W4BEJ	ELIZABETHTOWN		KY
W4PPN	CHARLOTTE		NC
N4GUP	LEXINGTON		SC
WZ4O	SUMTER		SC
AF4TZ	NASHVILLE		TN
N4XND	GLOUCESTER		VA
W4HTB	BOWLING GREEN		KY
KA5NOJ	GAUTIER		MS
N3XA	WAYNESBORO		VA
WA4VHP	SAVANNAH		GA
W4NYR	#SHELBY		NC
438.7750 / 433.0750			
WA3KOK	CHESTERFIELD		VA
438.8000 / 433.2000			
WD4ICX	FANCY GAP		VA
426.2500 / 439.2500			
N4FHL	ROANOKE/POOR MT		VA
446.2500 / 441.2500			
NQ4Y	MONTEAGLE MT.		TN
446.3500 / 441.3500			
KD4DXR	#WALESKA		GA
WA4USN	KNIGHTSVILLE		SC
446.4500 / 441.4500			
WA4USN	MT. PLEASANT		SC
446.5250 / 441.5250			
N4KJU	PAINTSVILLE	127.3	KY
KG4AQH	GREELEYVILLE		SC
446.6000 / 441.6000			
WA4AYB	RICHMOND		VA
WA4AYB	RICHMOND		VA
446.6250 / 441.6250			
W4ERT	TAYLORSVILLE	151.4	NC
446.7250 / 441.7250			
W4ERT	TAYLORSVILLE	151.4	NC
446.7750 / 441.7750			
KD4YGK	LEBANON JCT	203.5	KY
446.8000 / 441.8000			
KC4YNF	ACWORTH	77.0	GA
AF4MI	PEMBROKE	123.0	GA
446.8750 / 441.8750			
K4NRC	NEWNAN	156.7	GA
KD4TZZ	MURFREESBORO	107.2	TN
446.9000 / 441.9000			
WB4GQX	CUMMING	141.3	GA
446.9250 / 441.9250			
W4CSX	DALLAS	162.2	GA
446.9500 / 441.9500			
KE4OKD	SANDY SPRINGS	103.5	GA
447.0000 / 442.0000			
WB6RTH	ALPHARETTA	107.2	GA
AF4UL	MACON	100.0	GA
N4ORL	LOUISVILLE		KY
KC4IEV	GAFFNEY	114.8	SC
WB4NNX	HOHENWALD		TN
K4BTL	MARYVILLE		TN
W4LG	GASBURG		VA
WB3T	WYTHE/WALKER MT	103.5	VA
447.0250 / 442.0250			
W4CML	ATLANTA	127.3	GA
K4SCS	RALEIGH	156.5	NC
447.0500 / 442.0500			
N1KDO	MARIETTA	107.2	GA
KD4ADJ	LEXINGTON		KY
WA1YYN	EFLAND	107.2	NC
KD4XV	JASPER	127.3	TN
WB4SQC	JOHNSON CITY/HOL	100.0	TN
WA4BJY	MEDINA		TN
447.0250 / 442.0750			
W8BLA	ROSWELL		GA
447.0750 / 442.0750			
N4VOS	STANTON		KY
KD4PBS	APEX	114.8	NC
K4JLA	COLUMBUS	103.5	NC
N4JDW	WILMINGTON	88.5	NC
KJ4BJ	DAYTON		TN
KA4BNI	LEXINGTON	107.2	TN
KF4UCI	CHARLOTTESVILLE	151.4	VA
447.1000 / 442.1000			
K4HUM	NORCROSS	100.0	GA
N4RBL	LOUISVILLE AREA		KY
N4IV	WENTWORTH	103.5	NC
K4USC	UNION		SC
KF4TNP	LEWISBURG	107.2	TN
WD4PAX	MILAN		TN
447.1250 / 442.1250			
KD4GRU	BLUERIDGE	146.2	GA
KG4IWI	HENDERSON	88.5	NC
WT4F	PICKENS		SC
KB4YFV	HILLSVILLE	103.5	VA
447.1500 / 442.1500			
N4SE	ROSWELL/BELL	100.0	GA
KD4RTR	DORTON	167.9	KY
W4UNC	CHAPEL HILL	131.8	NC
WJ9J	CHATTANOOGA		TN
KA4BNI	DRESDEN	107.2	TN
WD4RBJ	PULASKI	118.8	TN
KD4SUU	CHESTERFIELD		VA
447.1750 / 442.1750			
N4BZJ	DALTON	118.8	GA
K4NGQ	FRANKFORT	67.0	KY
KE4GYN	ROXBORO	156.7	NC
WA4US	WILMINGTON		NC
W4GMM	MEMPHIS	107.2	TN
447.2000 / 442.2000			
KF4SKT	BLAIRSVILLE		GA
N3APR	DECATUR		GA
N5DWU	ELLISVILLE	167.9	MS
WA4US	WILMINGTON		NC
N7GZT	COLUMBIA	162.2	SC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N7GZT	ORANGEBURG		SC
WM4T	GRAY	100.0	TN
WA4BJY	OAKFIELD		TN
N4IFC	LYNCHBURG/T.ROW	103.5	VA
447.2250 / 442.2250			
WB6RTH	#ATLANTA	107.2	GA
WJ9J	RCKWOOD/OZONE		TN
NO4Q	WAVERLY	110.9	TN
WB4GUG	STUART	107.2	VA
447.2500 / 442.2500			
KE4HAC	MADRAS		GA
N5DWU	ELLISVILLE	167.9	MS
KB4PQA	GREENVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4PGI	COVINGTON	100.0	VA
447.2750 / 442.2750			
K4DDH	MACON	100.0	GA
N4ZCM	AUBURN		NC
KO0NTZ	LEXINGTON		NC
KF4CFO	ETOWAH	141.3	TN
KE4PFW	HENDERSON		TN
447.3000 / 442.3000			
KW4KW	RINGGOLD	118.8	GA
WW4T	STATHAM		GA
KC4QPR	MORG/WALKER TOP	94.8	NC
KC4ED	SUMMERVILLE		SC
WA4UCE	COOKEVILLE	107.2	TN
KC4VDZ	RICHMOND	114.8	VA
447.3250 / 442.3250			
W4JLG	MABLETON		GA
K4JBV	INDEPENDENCE	100	KY
WM4MD	MIDDLESBORO	67.0	KY
WD4ICX	ASHEBORO		NC
447.3500 / 442.3500			
WD4NHW	BALDWIN		GA
KD4TAH	RUSSELLVILLE	136.5	KY
KF5TU	LAKE GASTON	100.H	NC
WA4YGD	LINCOLNTON		NC
447.3750 / 442.3750			
KE4QFG	MARIETTA		GA
KE4YRE	SHELBYVILLE		KY
WA4PXV	HICKORY		NC
447.4000 / 442.4000			
N4UER	WARM SPRINGS		GA
KF4JJD	GARRETT	79.7	KY
AA4XV	LATONIA		KY
KD4WJD	ZEBULON		NC
WB4QHF	PICKENS/CSRS HD	127.3	SC
KF4YI	LYNCHBG/JACK MT	107.2	VA
447.4250 / 442.4250			
KC4FIE	MADISONVILLE		KY
K4AE	LEXINGTON	107.2	NC
AF4ZJ	CHAT/WALDEN		TN
KA4BNI	JACKSON	107.2	TN
447.4500 / 442.4500			
W4CML	SNELLVILLE		GA
KD4CLR	LOUISVILLE AREA	151.4	KY
WA4TOG	HENDERSONVILLE		NC
N4LMR	RALEIGH		NC
KD4NEB	CLEVELAND	88.5	TN
W8MOP	BLUEFIELD		VA
WA3KOK	CHESTERFIELD	107.2	VA
447.4750 / 442.4750			
K4NVG	LAVONIA	203.5	GA
W4RRG	LOOKOUT MT.	67.0	GA
KE4DGP	WILKESBORO	107.2	NC
AG4AN	FOREST		VA
447.5000 / 442.5000			
AB4KN	PEACHTREE CITY	77.0	GA
KE4PMP	VIDALIA	88.5	GA
KB4RYM	LOUISVILLE		KY
K4GFY	MOREHEAD		KY
KG4JIA	CHERRY MTN	94.8	NC
K4YNY	WILMINGTON	88.5	NC
WB4HAP	KNOXVILLE	103.5	TN
W4CA	ROANOKE/POOR MT		VA
447.5250 / 442.5250			
N4XQM	ATLANTA	203.5	GA
KY4JD	FORT WRIGHT	123.0	KY
WB3T	WYTHEVILLE	103.5	VA
447.5500 / 442.5500			
WB4JEH	CONYERS	151.4	GA
WD4ELX	LOUISVILLE		KY
WA4TOG	ASHEVILLE		NC
K1BUD	PITTSBORO		NC
W4RAT	RICHMOND	127.3	VA
447.5750 / 442.5750			
WA4BPY	CUMMING	79.9	GA
AE4LW	MADISONVILLE	100.0	KY
W4MLU	RALEIGH	156.7	NC
KU4MC	WINSTON-SALEM	146.2	NC
NU5O	MEMPHIS	77.0	TN
WB4IVB	JONESVILLE	100.0	VA
447.6000 / 442.6000			
KD4FOC	DUBLIN	77.0	GA
WA4OKJ	MARIETTA	100.0	GA
KD4ADJ	MT STERLING		KY
WD4NWV	ANDRWS/ROBINSVL	151.4	NC
N8ITF	SPRINGFIELD	107.2	TN
K4ARO	PETERSBURG		VA
K4ARO	ROANOKE		VA
447.6250 / 442.6250			
W4ABP	GAINESVILLE	131.8	GA
KE4KIV	NEWTON		NC
WB4EPG	MEMPHIS		TN
447.6500 / 442.6500			
KE4FHN	DANIELSVILLE		GA
W4RRG	LOOKOUT MT	100.0	GA
KD4GEU	ASHEVILLE		NC
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
447.6750 / 442.6750			
KE4PVE	ATLANTA	100.0	GA
KD4BOH	ROCKPORT	77.0	KY
N6CLU	CONCORD	103.5	NC
NC4SU	RALEIGH	100.0	NC
WA4MPZ	#BLUFFTON		SC
447.7000 / 442.7000			
KC4ZGN	ELLIJAY	77.0	GA
K4NLX	SAVANNAH		GA
WA4PZN	SHELBYVILLE		TN
W7CP	ROANOKE		VA
447.7250 / 442.7250			
KE4QFG	MARIETTA/ATL		GA
KB4YJ	LOUISVILLE	151.4	KY
N5LRQ	VOSSBURG	167.9	MS
N4GLB	SIMPSONVILLE		SC
W4RDM	COLUMBIA		TN
KE4MBR	DECATUR	141.3	TN
KF4RMT	BASSETT		VA
KB8PCW	GILBERT		WV
447.7500 / 442.7500			
N3DAB	JASPER	141.3	GA
KD4HEY	ANDERSON	162.2	SC
WD4KZK	ROANOKE/MILL MT	107.2	VA
447.7750 / 442.7750			
K4VJM	FLOWERY BRANCH		GA
KC4FIE	MADISONVILLE		KY
KF4CDR	CHARLESTON		SC
AE4PZ	MOUNTAIN REST	127.3	SC
KE4CIF	PULASKI		VA
447.8000 / 442.8000			
N4NFP	ATL/MARIETTA		GA
N4AAD	YADKINVILLE	100.0	NC
WD4LUR	LAKE CITY	100.0	TN
KB4MIC	GUM SPRING		VA
447.8250 / 442.8250			
W1CP	CLAYTON	162.2	GA
KC4ENL	HAPEVILLE	167.9	GA
WA1YYN	SAURATOWN MT	131.8	NC
WF4G	MEMPHIS		TN
KT4PN	ONEIDA		TN
447.8500 / 442.8500			
WB4HJG	LAWRENCEVILLE	82.5	GA
W2HR	GILBERTSVILLE	103.5	KY
AG4AZ	BREVARD		NC
KA4IXK	ROANOKE/POOR MT		VA
WB8NSL	PENNSBORO	103.5	WV
447.8750 / 442.8750			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
K4EFW	MACON	114.8	GA
W4GSO	GREENSBORO	88.5	NC
KD4DMS	SPIVEY'S CORNER		NC
KC4WHL	HARRIMAN	136.5	TN
KF4OCK	LORETTO	203.5	TN
447.9000 / 442.9000			
K3TD	BUFORD	103.5	GA
WR4MG	WARNER ROBINS		GA
W4CMR	IRVINE		KY
WW4DC	THOMASVILLE	88.5	NC
N4WT	CHATT/HIXSON		TN
KE4CES	JACKSON	114.8	TN
W4MT	NEWPORT NEWS	100.0	VA
447.9250 / 442.9250			
KC4YHM	EATONTON		GA
K4CH	LEXINGTON	107.2	NC
WD4OAR	WHITE OAK MT	107.2	TN
KB8QKM	CHARLESTON	71.9	WV
447.9500 / 442.9500			
AA4AI	ATHENS	179.9	GA
N4XGI	ST SIMONS ISLAND	131.8	GA
W4ERT	TAYLORSVILLE	151.4	NC
KC4YLL	PARIS	123.0	TN
AB4FU	LYNCHBURG		VA
447.9750 / 442.9750			
WA4YNZ	ATLANTA		GA
WA4YNZ	#ROSWELL		GA
KF4DAR	KERNERSVILLE	107.2	NC
NK4W	LITTLE MT	162.2	SC
KB8KSP	ABINGDON	100.0	VA
448.0000 / 443.0000			
W4DRC	CHATSWORTH		GA
KE4ZRT	DOUGLAS	141.3	GA
KT4GB	BARDSTOWN		KY
KI4RK	PIKEVILLE		NC
N4EOY	COLUMBIA		SC
W4ZJM	MEMPHIS	*#	TN
KM4X	WHITETOP MT	103.5	VA
WB8EZR	HUNTINGTON		WV
448.0250 / 443.0250			
W4CML	ATLANTA	127.3	GA
KD4IEZ	DUBLIN	156.7	GA
KE4OOL	LEXINGTON	123.0	KY
WB4IKY	GIBSONVILLE	107.2	NC
N4UAG	KNOXVILLE		TN
KA8YEZ	WHEELING	77.0H	WV
448.0500 / 443.0500			
NE1H	SNELLVILLE		GA
W3PS	GOLDSBORO	156.7	NC
WB4PUB	#NASHVILLE	107.2	TN
N8FWL	BECKLEY	123.0	WV
448.0750 / 443.0750			
WX4EMA	#MACON	156.7	GA
WR4BEG	SOPHIA/RANDLEMAN		NC
KA4AZQ	KNOXVILLE	100.0	TN
448.1000 / 443.1000			
N4KHQ	DAHLONEGA	100	GA
N4WJS	OWENSBORO	110.9	KY
KE4QOX	SAURATOWN MT	88.5	NC
KA4JXT	MEMPHIS	107.2	TN
KN4YM	POWHATAN		VA
KE4QOX	BECKLY/OAK HILL	107.2	WV
448.1250 / 443.1250			
KU4ML	FOSTER		KY
KB4PQA	CRAB CREEK TWP		NC
WA4NNA	RALEIGH		NC
KT4OL	CHATTANOOGA		TN
KT4OL	CHATTANOOGA		TN
KC4PRD	GOODLETTSVILLE	107.2	TN
KA4JXT	HICKORY VALLEY	107.2	TN
KA4JXT	MEMPHIS		TN
WB3T	MARION	103.5	VA
448.1500 / 443.1500			
KF4XH	BYRON		GA
W4PME	ROSWELL/BELL	100.0	GA
KD4PBC	MIDDLESBORO	146.2	KY
W4HG	SALISBURY	136.5	NC
K8MHR	ST. ALBANS		WV
448.1750 / 443.1750			
N4GIS	CARTERSVILLE		GA
KC4COV	FLORENCE	131.8	KY
KD4HLH	LAURENS	146.2	SC
KF4TNP	MT PLEASANT	107.2	TN
WB8POC	PATRICK SPRINGS		VA
448.2000 / 443.2000			
K4YC	IVEY	88.5	GA
KD4APP	PINE LOG MT	103.5	GA
KC4FWC	#STANFIELD	77.0	NC
KD2LH	YOUNGSVILLE	88.5	NC
W4WC	GREENEVILLE	100.0	TN
W4BS	MEMPHIS	107.2	TN
KB4YKV	AMELIA		VA
448.2250 / 443.2250			
N4QCP	JONESBORO		GA
KD4TAH	FRANKLIN		KY
KS4TO	WADDY		KY
N4ZCM	RALEIGH		NC
W8LG	BECKLEY/BOLT		WV
448.2500 / 443.2500			
KC4JNN	#BISKEY MTN	100.0	GA
KJ4VF	DORTON		KY
N4JEX	CHINA GROVE	136.5	NC
448.2750 / 443.2750			
KC4KLW	ROCKMART	179.9	GA
KF4TLA	ASHEVILLE	103.5	NC
WA4WTX	ROUGEMNT/RED MT	100.0	NC
WA4AWI	LEBANON	107.2	TN
448.3000 / 443.3000			
WW4GA	ATHENS		GA
KB5DZJ	WIGGINS	167.9	MS
KC4KUL	ARCHDALE		NC
KB4TOH	COLUMBIA	131.8	NC
KC4IEV	FOREST CITY	123.0	NC
KA7UEC	COLLIERVILLE	107.2	TN
WA4KJH	GATLBG/COVE MT	127.3	TN
448.3250 / 443.3250			
N4JMD	STOCKBRIDGE		GA
WA4CMO	FRANKFORT		KY
KF4IXK	KERNERSVILLE	131.8	NC
WB3T	BLUEFIELD/ONEIDA	103.5	VA
448.3500 / 443.3500			
N4YYD	FT. MT/CHATSWTH	71.9	GA
K4ULW	LOUISVILLE SW		KY
W5CJR	PETAL		MS
N4JEX	KANNAPOLIS	136.5	NC
ND4N	GRNVLE/PARIS MT		SC
WA4AWI	DEASON	107.2	TN
K4GX	ROGERSVILLE		TN
448.3750 / 443.3750			
KC4AQS	JASPER	100.0	GA
W1IFL	RALEIGH		NC
KF4ZIG	INDEPENDENCE	103.5	VA
448.4000 / 443.4000			
WB4GWA	CONCORD	118.8	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
N0SU	BRYSON CITY	151.4	NC
WB4GUG	SAURATOWN MT	107.2	NC
AD4DN	WILMINGTON	88.5	NC
AC4WW	AIKEN	107.2	SC
WD4DBJ	CUMBERLAND CITY		TN
WA4QWW	MEMPHIS		TN
448.4250 / 443.4250			
KD4CPO	BRUNSWICK		GA
AE4JO	ETOWAH VALLEY	103.5	GA
KB4MDE	JASPER		GA
KD4RTR	MILLARD		KY
KD4EVB	OWENTON	118.8	KY
WA1YYN	RES. TRIANGLE PK	156.7	NC
448.4500 / 443.4500			
KB4VAK	HIGH PT/LOOKT MT	77.0	GA
AE4NU	COX'S CREEK	151.4	KY
KC5LCW	GAUTIER	123.0	MS
N5WXD	WEST POINT		MS
N4VOZ	STATESVILLE		NC
KC4RBA	LYNCHBURG	186.2	VA
448.4750 / 443.4750			
W4EEE	BOGART		GA
KC4COV	FLORENCE	131.8	KY
KE4UIU	CANTON	156.7	NC
W4UNC	CHAPEL HILL	131.8	NC
WZ4SC	FORT MILL		SC
KB8YDD	RICHWOOD		WV
448.5000 / 443.5000			
N4MTA	MARIETTA		GA
WD9EQC	LOUISVILLE		KY
KF4BRO	MAYSVILLE	123.0	KY
WB4UBY	META		KY
W5SAR	WAYNESBORO		MS
AB4JJ	WEST JEFFERSON	107.2	NC
N5CWH	COLUMBIA	162.2	SC
KD4CWB	KNOXVILLE		TN
448.5250 / 443.5250			
N4PQR	KNOXVILLE	114.8	GA
KC4KLW	ROME	179.9	GA
N4EUX	LENOIR/CAJAH MT		NC
KD4MJO	SOUTH HILL	100.0	VA
448.5500 / 443.5500			
KK4IN	DACULA		GA
KE4WLP	GRIFFIN		GA
N4HZX	GRAEFENBURG		KY
W5SAR	WAYNESBORO		MS
KC4XE	ROARING GAP		NC
WB4LRD	CHATTANOOGA		TN
N3ELM	YORKTOWN	100.0	VA
448.5750 / 443.5750			
KD4NTF	CEDARTOWN	107.2	GA
NU5O	SOUTHAVEN	77.0	MS
WA4PXV	AIR BELLOWS GAP		NC
KA6UHV	COLLEGEDALE	131.8	TN
W4LYR	LEBANON	100.0	TN
KC8AUY	RICHWOOD		WV
448.6000 / 443.6000			
KA5WZY	ATLANTA		GA
KA4UHL	NANCY	100.0	KY
K5HYE	MENDENHALL		MS
N4DWU	MT MITCHELL		NC
W4TLB	BIG SANDY	114.8	TN
W8CXD	FOREST	136.5	VA
KC8PFI	CEREDO		WV
448.6250 / 443.6250			
K4MDS	GRAY		GA
KF4OYP	JASPER	100.0	GA
KF4NTQ	GEORGETOWN		KY
AA5RZ	JACKSON, EAST		MS
W4EUS	RES. TRIANGLE PK		NC
KE4EAN	COWPENS	136.5	SC
KA7UEC	COLLIERVILLE	107.2	TN
AD4QG	EVA		TN
KC4MJN	JAMESTOWN	100.0	TN
WZ8E	BLUEFIELD	100.0	WV
448.6500 / 443.6500			
W4CML	ATLANTA	100	GA
N4WJS	OWENSBORO	110.9	KY
K4AIH	ANDRWS/ROBINSVL		NC
KD4WAR	BURNSVILLE		NC
KG4BTN	GREENSBORO	88.5	NC
WA4AXH	NOLENSVILLE		TN
K4UMI	HAMPTON		VA
448.6750 / 443.6750			
N4GWO	BARNESVILLE		GA
KD4FRP	CROWDER'S MT		NC
AD4LR	PARIS		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4YD	BENT MT	107.2	VA
448.7000 / 443.7000			
W4TIY	DALLAS		GA
KY4KY	BROOKS	151.4	KY
K5PN	HATTIESBURG	136.5	MS
KE4QOX	KVILLE/H POINT	103.5	NC
WA4LBT	LOCUST		NC
N4JEH	ROCKY MOUNT	107.2	NC
K4VVM	BARTLETT	107.2	TN
KB4OTK	LAFOLLETTE		TN
KB8UJG	PRINCETON	123.0	WV
448.7250 / 443.7250			
KB2DZA	CONYERS	77.0	GA
KE5LT	PICAYUNE	179.9	MS
K4GWH	GRAHAM	156.7	NC
KC4KPJ	CLOVER	127.3	SC
KB5YJC	NASHVILLE	107.2	TN
N8SNY	WELCH		WV
448.7500 / 443.7500			
K4GO	COVINGTON	146.2	GA
KC4ZTI	GASTONIA/CRWDR		NC
WB4EDS	ALAMO		TN
WA4OHX	HAMPTON	100.0	VA
KC3FB	PATRICK SPRINGS	77.0	VA
448.7750 / 443.7750			
W4IXN	DULUTH	82.5	GA
KF4INN	VERSAILLES		KY
WB4SRV	CLAREMONT	118.8	NC
KD4JFN	HAW RIVER	107.2	NC
KF4Y	LAURENS	141.3	SC
KA4MHJ	SPENCER	123.0	TN
448.8000 / 443.8000			
N4NFP	ATLANTA/MARIETTA	118.8	GA
K4MSU	MURRAY	114.8	KY
N5IAT	NATCHEZ		MS
KC4QZL	MORGANTON		NC
W4HNK	SUMMERVILLE		SC
KA4AZQ	KNOXVILLE	100.0	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
W4POX	PORTSMOUTH		VA
KA8OTX	OAK HILL		WV
448.8250 / 443.8250			
KD4EVB	FALMOUTH	118.8	KY
K4AVY	PRESTONSBURG	127.3	KY
N5ZNS	GLOSTER		MS
KC4FWC	#ROCKINGHAM	77.0	NC
KC4KRM	SHELBYVILLE		TN
KF4RMT	MARTINSVILLE	107.2	VA
WB4KZI	PETERSBURG		VA
448.8500 / 443.8500			
K4PLM	#WALESKA	192.8	GA
KC4YOZ	DALLAS CHLT	100.0	NC
WA4US	WILMINGTON		NC
KE4OVN	DRESDEN	107.2	TN
N4ULM	FRANKLIN		TN
KQ4I	DANVILLE		VA
KB8TGK	HUNTINGTON	88.5	WV
448.8750 / 443.8750			
KD4LXT	ATLANTA		GA
KC4KPW	PINEY KNOB	103.5	NC
KD4KPV	MCKENZIE		TN
W4DUM	WILLIS		VA
W8SP	FAIRMONT		WV
448.9000 / 443.9000			
K4RHJ	FLOWERY BRANCH	100.0	GA
KC4KZT	DAVID	167.9	KY
W4UA	HIGH POINT		NC
W4GWD	GREENWOOD	107.2	SC
KD4HII	CHATTANOOGA		TN
W4KOC	WHITE HOUSE	107.2	TN
448.9250 / 443.9250			
KQ4XL	MONROE	123.0	GA
W4BAB	RINGGOLD		GA
N4EQT	LAWRENCEBURG	107.2	KY
KE4KNZ	MCEWEN		TN
K4DHT	MOUNTAIN CITY	103.5	TN
KF4AGO	SOUTH BOSTON		VA
448.9500 / 443.9500			
KA4UFM	DECATUR	110.9	GA
W4LJM	CANE VALLEY		KY
N5ZDF	HAZLEHURST	100.0	MS
KD4OWV	CHARLOTTE		NC
WA1YYN	HILLSBOROUGH	114.8	NC
WA4US	WILMINGTON		NC
KC4FV	ARNOLD A.F.B.		TN
KD4OBX	KNOXVILLE		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4ER	MEMPHIS		TN
448.9750 / 443.9750			
KB4NPO	REX		GA
K4TDO	HAZARD	103.5	KY
WA4WGY	MAYODAN		NC
N4VDE	LIBERTY	103.5	SC
WR3S	LAVERGNE		TN
KA4WJS	ROCKWOOD		TN
N8FIP	WESTON		WV
449.0000 / 444.0000			
WB4QDX	LAWRENCEVILLE	127.3	GA
WD4AFY	#SAVANNAH		GA
AD4RU	IRVINE		KY
KG5YV	CLINTON	100.0	MS
K4JEQ	HICKORY		NC
KI4RK	SELMA		NC
W4ULH	FLORENCE		SC
WD4BKY	GALLATIN	107.2	TN
KD4CWB	KNOXVILLE	100.0	TN
W4CAR	CHESAPEAKE	162.2	VA
KC8IT	MULLENS		WV
449.0250 / 444.0250			
W4CML	LAWRENCEVILLE	127.3	GA
AE4PO	WAYCROSS	141.3	GA
KD4JFN	HIGH POINT	107.2	NC
KC4WHL	HARRIMAN		TN
K4RDK	MEMPHIS		TN
449.0500 / 444.0500			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
KE4NLL	SALYERSVILLE	127.3	KY
KB4PTJ	WILLIAMSBURG	100.0	KY
N4PYI	NASHVILLE	107.2	TN
WB3T	FANCY GAP	103.5	VA
KB4OLM	STUARTS DRAFT		VA
449.0750 / 444.0750			
W4FWD	CARROLLTON	131.8	GA
KB8SBN	INDEPENDENCE	110.9	KY
KD4BOH	ROCKPORT	77.0	KY
K4CCR	ANDSN MT/DENVER	88.5	NC
KG4JJB	LEWISBURG	107.2	TN
KC4PDQ	MARYVILLE	100.0	TN
KF4ATY	MEMPHIS	107.2	TN
KD4TBC	GRETNA/SMITH MT	123.0	VA
K8OJC	HURRICANE		WV
449.1000 / 444.1000			
W4BKM	MACON		GA
W4WSM	BOWLING GREEN		KY
N4UL	LOUISVILLE	173.8	KY
KB5BRZ	MERIDIAN	131.8	MS
WR4AGC	DURHAM		NC
KC4AC	LANCASTER		SC
W4AM	CHATTANOOGA		TN
KE4FH	JOHNSON CITY		TN
KA4JXT	MEMPHIS		TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
KB4ZIN	WILLIAMSBURG		VA
N8ILO	PARKERSBURG (OH)		WV
449.1250 / 444.1250			
KE4PVE	PENDERGRASS	100.0	GA
KB8QLC	LEXINGTON	88.5	KY
WB4GUG	MCLEANSVILLE		NC
KC4ECD	LAFAYETTE	107.2	TN
KA4JXT	MEMPHIS		TN
N8LVE	BECKLEY		WV
N8RCG	KEYSER	103.5	WV
449.1500 / 444.1500			
W4PME	ATLANTA/BELL	100.0	GA
KD4YGK	LEBANON JCT	203.5	KY
WB4IVB	MIDDLESBORO	100.0	KY
WD5BJT	CLERMONT HARBR	77.0	MS
WB5YCR	NEW ALBANY		MS
K4JDR	CLAYTON	100.0	NC
AG4EI	GASTONIA/CRWDR		NC
W4GL	SUMTER	123.0	SC
KE4LQY	CHATTANOOGA		TN
AF4TZ	NASHVILLE	107.2	TN
KI4ZR	LEXNGTN/ROCK MT		VA
449.1750 / 444.1750			
KE4PVE	COVINGTON	100.0	GA
KC4COV	FLORENCE	131.8	KY
W4FBC	LILLINGTON	118.8	NC
W2GLJ	GERMANTOWN		TN
KC4NNN	KNOXVILLE		TN
WD4ICX	FANCY GAP	107.2	VA
N8FMD	CLARKSBURG	103.5	WV
449.2000 / 444.2000			
WA4DB	#GAINESVILLE	107.2	GA
KR4PF	MARION	100.0	KY
KD4RTR	PIKEVILLE		KY
WB4YNF	AHOSKIE		NC
KE4QEA	#KING/SAURATOWN	100.0	NC
WA4US	WILMINGTON		NC
KF4GHC	COLUMBIA	156.7	SC
KD4HII	CHATTANOOGA		TN
N4ARK	NASHVILLE		TN
WB4VWR	ENON		VA
N8ZVK	FLATWOODS		WV
449.2250 / 444.2250			
KE4SJO	WOODSTOCK		GA
KF4RBD	RINEYVILLE	151.4	KY
K4GWH	GREENSBORO	146.2	NC
N4ARK	NASHVILLE	114.8	TN
WV8AR	CHARLESTON	123.0	WV
449.2500 / 444.2500			
W4BOC	DECATUR		GA
KF4DC	GLASGOW/CVCTY		KY
WA4KNI	HENDSVL/BERWLW		NC
N4EWS	LOUISBURG	88.5	NC
K4SER	WILLIAMSTON	131.8	NC
WA4PAJ	BARTLETT		TN
WQ4E	GREENBRIER		TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
WG4R	MEADOWS OF DAN	103.5	VA
N8ZAR	BUCKHANNON		WV
449.2750 / 444.2750			
K4JLG	CORNELIA	100.0	GA
KE4BB	CULLODEN	123.0	GA
KF4IFC	CORBIN	79.7	KY
KU4MJ	DAWSON SPRINGS		KY
W4NC	WINSTON-SALEM		NC
W4GZX	CLEVELAND		TN
WA4AXH	LEBANON		TN
W4RDF	ENON	114.8	VA
KC8CSE	DUNMORE	123.0	WV
449.3000 / 444.3000			
KC4GZX	#ATHENS/CRAWFORD	127.3	GA
KC4YNY	HOGANSVILLE		GA
KD4RTR	ELKHORN CITY	167.9	KY
KG4JNM	LOUISVILLE	156.7	KY
N4DRL	BYHALIA		MS
KC5RC	HEIDELBERG	100.0	MS
KD4JYV	ASHEBORO	118.8	NC
WA4VTX	ELIZABETH CITY	131.8	NC
N4MNH	CHARLESTON		SC
WB4GBI	KNOXVILLE		TN
WA4BZU	NASHVILLE	107.2	TN
K4BW	ACCOMACK	156.7	VA
KI4ZR	LEXINGTON		VA
449.3250 / 444.3250			
KF4BMG	MARIETTA	79.7	GA
WA4QFV	WHITAKER MTN		NC
WA4BZU	CLARKSVILLE	107.2	TN
KB4KSL	KNOXVILLE		TN
WB3T	ROANOKE	103.5	VA
KA8ZXP	GLENVILLE		WV
449.3500 / 444.3500			
KE4PVE	NEWNAN	100.0	GA
WR4SG	VALDOSTA	141.3	GA
K4CO	WALTON	123.0	KY
WB4IKY	GIBSONVILLE	107.2	NC
KR4LO	GRANTSBORO		NC
WD4BKY	GALLATIN	114.8	TN
KD4CLA	PIGEON FORGE	156.7	TN
N4CH	BEDFORD		VA
WB8YST	CHARLESTON	107.2	WV
449.3750 / 444.3750			
KB4IZF	JASPER	103.5	GA
KD4DAR	PIKEVILLE		KY
KB5HAV	PEARL	88.5	MS
N4DTR	FRANKLIN	131.8	NC
KB4WGA	HENDERSON	156.7	NC
KB4YTM	HUNTINGDON		TN
KR4BT	SPARTA	123.0	TN
N4OWU	FANCY GAP	107.2	VA
449.4000 / 444.4000			
WB4ULJ	HAMILTON		GA
KD4YGK	SHEPHERDSVILLE	203.5	KY
KC4COV	WILDER	131.8	KY
WB4YZF	FAYETTEVILLE	100HZ	NC
KC4YOQ	FOREST CITY		NC
WA4KOG	MEMPHIS		TN
N4PYI	MT JULIET		TN
K4EAJ	OAK RIDGE	82.5	TN
N8LVE	ALDERSON/SAM BLK	100.0	WV
449.4250 / 444.4250			
KC4COV	DRY RIDGE	118.8	KY
KF4QZN	MORGANTOWN	179.9	KY
N4ZVN	MONROE	94.8	NC
KC4NNN	KNOXVILLE		TN
WA4ISI	ALTAVISTA	100.0	VA
KB8TJH	SHIRLEY		WV
449.4500 / 444.4500			
W4DOC	ATLANTA	146.2	GA
KO4OT	SIMPSONVILLE	100.0	KY
KD5AHI	ABERDEEN		MS
KB5LCL	JACKSON	141.3	MS
W4CQ	CHARLOTTE		NC
WR4AGC	HILLSBOROUGH	100.0	NC
N4DTR	WAYNESVILLE		NC
WA4US	WILMINGTON		NC
W4CAT	GALLATIN	107.2	TN
WJ9J	SODDY DAISY		TN
W8MOP	BLUEFIELD		VA
449.4750 / 444.4750			
KD4GEY	FOLKSTON		GA
N4CLA	SWEAT MT/MARIETT		GA
KF4QZN	MAMMOTH CAVE	179.9	KY
AD4BI	PIKEVILLE		KY
KG4BTN	GREENSBORO	107.2	NC
N4ZKR	SUMMITVILLE	107.2	TN
AD4ZK	NORFOLK	127.3	VA
449.5000 / 444.5000			
W4MM	ALBANY		GA
N4BZJ	DALTON	118.8	GA
W5LRG	MERIDIAN	107.2	MS
WD4ICX	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4NOC	BISHOPVILLE	123.0	SC
K4JP	BRSTL/HOLSTN MT		TN
N4WAH	MEMPHIS		TN
K4CQ	LYNCHBRG/TOB MT	136.5	VA
449.5250 / 444.5250			
KD4IEZ	CHESTER	156.7	GA
W4GR	SNELLVILLE	82.5	GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
W4RNC	RALEIGH	88.5	NC
WA4ZRS	WAXHAW	94.8	NC
N4LV	MYB BCH/BRKSVIL		SC
KD4IBW	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
449.5500 / 444.5500			
WB4JEH	CONYERS	151.4	GA
K4DC	LEWISPORT		KY
KC4DUU	LEXINGTON		KY
N4GAS	GASTONIA/SPCR MT		NC
KA4BQM	ROANOKE RAPIDS	192.8	NC
KG4BZN	WALTERBORO	123.0	SC
NQ4Y	COOKEVILLE	107.2	TN
WF4Q	MCNAIRY	107.2	TN
WA4PCD	NASHVILLE		TN
KB4WTP	COPPER RIDGE	103.5	VA
W4QR	HAMPTON	167.9	VA
W4WWQ	LYNCHBURG	136.5	VA
449.5750 / 444.5750			
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC5CLM	PORT GIBSON	141.3	MS
KC4FWC	#BOONE/RICH MT	77.0	NC
N4HAJ	KINSTON	88.5	NC
K2PJ	MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN
449.6000 / 444.6000			
W4PSZ	FAYETTEVILLE	77.0	GA
WA4NKL	QUITMAN	127.3	GA
KF4WMM	BRUSHY FORK	88.5	KY
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
WA4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
KC4WXA	OXFORD		NC
KT4YW	NO. CHARLESTON		SC
WS4S	COOKEVILLE	107.2	TN
WB4HAP	KNOX/ENGLSH MT		TN
WA4AUX	PROSPECT	118.8	TN
KA8TCF	WESTON		WV
449.6250 / 444.6250			
K4EDN	BONAIRE	82.5	GA
W4CBA	CUMMING	123.0	GA
KC5BMJ	KINGSLAND	118.8	GA
W1BPP	MOULTRIE	123.0	GA
KB4QFL	HAWESVILLE		KY
KE4ISW	RICHMOND	192.8	KY
AB5MU	NETTLETON	192.8	MS
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
WT4E	COLLIERVILLE	107.2	TN
KD4TUD	JEFFERSON CITY		TN
WA4TOA	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
KF4LWH	SOUTH BOSTON		VA
449.6500 / 444.6500			
K4YC	IVEY		GA
N4IBW	SMYRNA		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
KJ4HF	#SALISBURY		NC
WA4US	WILMINGTON		NC
N4UHF	LITTLE MOUNTAIN		SC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
N4EHJ	RICHMND/CHLTVL		VA
449.6750 / 444.6750			
KC4CBQ	HIAWASSEE	186.2	GA
N4YTR	PEACHTREE CITY	77.0	GA
KC4VYX	ROBINSON CREEK		KY
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE		MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
W4GS	MYR BCH/CONWAY	85.4	SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K8WGB	GASSAWAY	123.0	WV
449.7000 / 444.7000			
WB4SBT	BYRON	103.5	GA
WD4LUQ	DALLAS	77.0	GA
KF4BJM	VALDOSTA	141.3	GA
N5KOL	BOWLING GREEN	136.5	KY
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT		NC
AE4GA	STATESVILLE	94.8	NC
K4AU	DANVILE/WHT OAK		VA
N4WWB	GATE CITY		VA
WB8CQV	HERNSHAW	203.5	WV
K8LG	MORGANTOWN		WV
449.7250 / 444.7250			
KD4AOZ	WATKINSVILLE	123.0	GA
KY4K	HENDERSON	203.5	KY
KE4ISR	LEXINGTON		KY
W4ZCD	HICKORY FLAT	179.9	MS
KC4FWC	#BLADENBORO	77.0	NC
KG4IWI	ROCKY MOUNT		NC
KD4MMP	WINSTON-SALEM	107.2	NC
KC4KPJ	ROCK HILL	127.3	SC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE	123.0	TN
KF8FO	LEWISBURG	103.5	WV
449.7500 / 444.7500			
KC4ELV	CONYERS	162.2	GA
N4ZRF	LAKEMONT		GA
KC8ERN	#ASHLAND	88.5	KY
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
W5VZF	STARKVILLE		MS
KC4YOT	GASTONIA/CRWDR		NC
KD4JFN	PITTSBORO	146.2	NC
K4TC	HENDERSON		TN
N4PYI	MT JULIET	156.7	TN
WD4KQI	FOREST		VA
449.7750 / 444.7750			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
K4JDR	CARY	100.0	NC
KR4EX	OLD FORT		NC
WA4RQF	#WALKERTOWN	103.5	NC
WA4AKM	GALLATIN	107.2	TN
KF4UCI	#CHARLOTTEVILLE		VA
WD4KZK	SLINGS GAP	107.2	VA
449.8000 / 444.8000			
WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN		KY
KB5CO	JACKSON		MS
WB4PMQ	#GREENVILLE	131.8	NC
KF4LUC	HICKORY	94.8	NC
K4YEC	REIDSVILLE	107.2	NC
KD4QMS	SOUTHERN PINES	118.8	NC
K0JXI	MEMPHIS		TN
KD4LP	#MORRISTOWN		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE		VA
WV8B	BECKLEY/OAK HILL	100.0	WV
W8CUL	MORGANTOWN		WV
449.8250 / 444.8250			
W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE	192.8	KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK	100.0	NC
K4GWH	RALEIGH	146.2	NC
KE4FGW	MARYVILLE	100.0	TN
K5FE	MEMPHIS	107.2	TN
N4PYI	SMITHVILLE	107.2	TN
WA4ZBP	STAUNTON	131.8	VA
449.8500 / 444.8500			
N4BZJ	DALTON		GA
N4YXL	GREENSBORO	103.5	GA
KF4UM	HINESVILLE		GA
AA4NI	NEBO		KY
AB5DU	INDIANOLA	136.5	MS
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE		NC
K4GMP	WILMINGTON	88.5	NC
WD4MWQ	MCMINNVILLE		TN
K7AG	MEMPHIS	107.2	TN
AB4SF	RICHMOND		VA
WD4KZK	ROANOKE/READ MT	107.2	VA
WB8ZER	HUNTINGTON/CHAS	131.8	WV
449.8750 / 444.8750			
KE4UAS	MCDONOUGH	123.0	GA
KE4RJI	TIFTON		GA
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
N1BEC	BALD CREEK		NC
KD4RAA	RALEIGH	100.0	NC
WB4U	WINGATE	127.3	NC
N7GZT	ORANGEBURG		SC
KD4UWA	CHAT/MNTLAKE MT	156.7	TN
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG A MTN		VA
449.9000 / 444.9000			
KD4BOO	AUGUSTA		GA
N4KHQ	DAHLONEGA		GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS	123.0	KY
KC4JTV	HUDSON	179.9	KY
W4EWN	NEW BERN	100.0	NC
W4EJ	WILSON	179.9	NC
WB4MMI	RAMER		TN
W4LYR	WATERTOWN	100.0	TN
N4XRY	FANCY GAP		VA
N8SCS	BELINGTON	141.3	WV
KE4QOX	LOGAN	107.2	WV
449.9250 / 444.9250			
WA4NNO	ATLANTA		GA
WB4NFG	IRWINTON	77.0	GA
N4PJR	JESUP		GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN	107.2	MS
WB5TTE	VICKSBURG		MS
KB4WGA	DURHAM	156.7	NC
K4OBX	HATTERAS ISLAND	131.8	NC
N4XRY	MOUNT AIRY		NC
AC4RZ	EASLEY/SAS MTN	103.5	SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
KD4TZD	KNOXVILLE		TN
KD4FWS	FANCY GAP	100.0	VA
WB8BON	ROANOKE/TINKER M		VA
449.9500 / 444.9500			
W4TL	CLERMONT	131.8	GA
WR4MG	PERRY		GA
N4DUE	LEXINGTON		KY
WB5YGI	PHILADELPHIA		MS
N5VGK	TUPELO	192.8	MS
WA1WXL	DALLAS/CHLT	136.5	NC
KF4HFQ	ROLESVILLE	88.5	NC
KD4PBC	CHARLESTON	103.5	SC
KF4GP	CLARKSVILLE	167.9	TN
W4EYJ	CROSSVILLE	118.8	TN
K4GX	GREENEVILLE		TN
WB4NNE	MEMPHIS		TN
WA4KXV	VIRGINIA BEACH		VA
WB8CQV	SO. CHARLESTON	203.5	WV
449.9750 / 444.9750			
WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK		GA
W3LAP	COCHRAN	77.0	GA
WA4YNZ	#CUMMING		GA
KC4QK	ASHLAND	107.2	KY
WB4CWF	NICHOLASVILLE		KY
KE4AQP	ASHEBORO		NC
N4JEH	CASTALIA	107.2	NC
W4YMI	NEWPORT CCARS		NC
KC4ZTJ	POLKVILLE		NC
WM3O	ORANGEBURG		SC
KQ4E	MORRISTOWN		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG	103.5	VA
N8EKT	WHEELING		WV
443.7750 / 448.7750			
W4RKC	WINCHESTER	146.2	VA
439.2500 / 911.2500			
KA5NOJ	GAUTIER		MS
426.2500 / 923.2500			
K4CQ	LYNCHBURG		VA
439.2500 / 923.2500			
KY4ATV	#LEXINGTON		KY

For Changes - Contact your Coordinator

FCC News and Enforcement Actions

$10,000 - that's what **David Edwin Merrell** of Wichita Falls, Texas owes the Federal Government for repeatedly transmitting in the Amateur Radio bands without a license. On September 10, 2001, the FCC's Dallas, Texas, Office issued a Notice of Apparent Liability for Forfeiture in the amount of $10,000 to Merrell, who did not respond. On December 20, 2001, the Commission issued a Forfeiture Order. Payment was due January 20, but we haven't heard if Merrell paid up. If this notice did catch his attention, he had the option of requesting in installment plan. If he continued to ignore the Orders, his case will be turned over to the Justice Dept.

The *ARRL Letter* added this information: In its earlier NAL, the FCC said it was acting on "numerous complaints" from the amateur community that an unidentified station operating on 7235 and 7238 kHz in the 40-meter band was causing "intentional interference to authorized communications." The FCC's High Frequency Direction Finding network determined that the signal was located in the Wichita Falls area.

Last June, agents in the FCC's Dallas office monitored an unidentified station on 7220 kHz and determined that the transmission was coming from Merrell's residence. "The station did not identify and transmitted only one-way broadcasts," the FCC said.

During as station inspection, Merrell "admitted to the transmissions and stated that he did not have a station operator license," the FCC said. Unconfirmed reports to the FCC indicate that Merrell may have continued to occasionally transmit on 40 meters following the FCC visit.

Last October, Riley Hollingsworth wrote to **Richard Howell NY4X of Taylors, SC** about "operating an uncoordinated repeater on 147.03 MHz" that was interfering with newly coordinated repeater KU4OL in Mountain Rest, SC. Hollingsworth added "Evidence also indicates that your repeater often keys up even if there are no legitimate communications on it, and that some of its users deliberately interfere with the KU4OL repeater." Then he asked if the NY4X repeater was coordinated, and if Howell had received any interference complaints.

At the SERA January Board Meeting, SC Director Roger Gregory W4RWG reported that the NY4X repeater was taken off the air following the letter.

Ted Sorenson KC6PQW won't be able to operate the W6NUT repeater in California until next September. Sorenson did not dispute the FCC's evidence that he tied up the repeater playing music and making one-way broadcasts on at least two occassions about a year ago. He settled by agreeing not to use the repeater for a year.

Kevin Mitnick N6NHG will have to go to court to renew his license. Mitnick achieved notariety in 1999 for hacking into many high-profile corporate computers. He was caught in Raleigh, North Carolina. He was sentenced to forty-six months in federal prison, and was released in January, 2001. In December, 1999, Mitnick applied for renewal of his General class license.

The Commission has decided that "Mr. Mitnick's criminal background raises a substantial and material question of fact as to whether he possesses the requisite character qualifications to be and remain a Commission licensee. Given his propensity to engage in criminal activities, particularly those involving fraud, we have serious reservations about Mr. Mitnick's ability to comply with our rules and regulations in the future" and has designated the renewal for a hearing.

Ralph Bible K4MIJ of Limestone, TN got a letter from the FCC asking about the W4WC 145.39 repeater, accused of interfering with the K4MFD repeater located very nearby. He got the usual questions - are you coordinated? What have you done to resolve the complaints? So far, no word on results.

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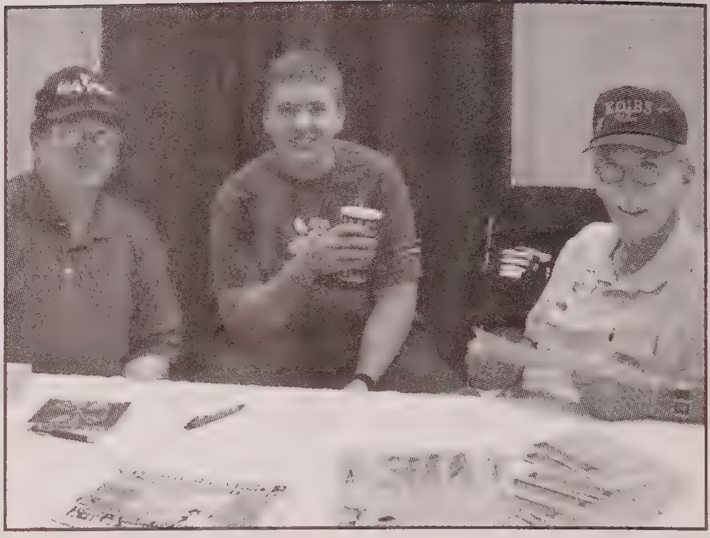


AT THE HAMFESTS...

<<< KE4GYN keeps RJ Virginia correspondent KD4JMO company at the SERA booth at the Virginia Beach Hamfest on Saturday. Then Sunday, VA Asst. Director K4YM mans the booth with help from KD4AEE and K0IBS.

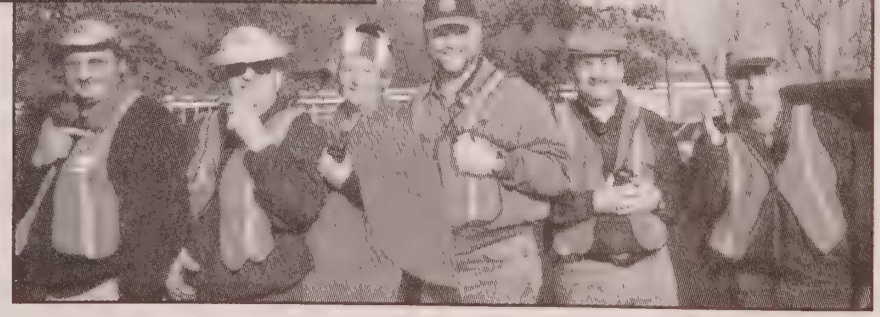
... AND AT THE CLUBS

<<< RJ Columnist K4PZT presents a plaque to Roaul Wright K4EAJ. Roaul donated a repeater to the Oak Ridge TN Amateur Radio Club.

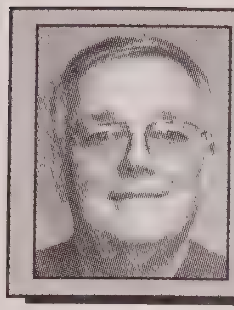
N4OQJ and >>> KG4CFB help sign up SERA members at the Morrisville, TN Hamfest

RADIO AMATEUR CLUB
OF KNOXVILLE

RACK hams (Knoxville TN) stayed busy, manning the phones for WSJK/WKOP Public TV (above), and directing parking for a church Christmas event.



What's happening at your club? Let everyone know via the Repeater Journal! Contact your state correspondent, or contact the editor. If you're sending a *digital* picture, don't crop it, shrink it or doctor it - send the "camera original" to **kn4aq@sera.org**.



GEORGIA

REPORTED BY
M. TERRY JONES W4TL
4816 WINDWALKER DR.
FLOWERY BRANCH, GA 30542
(770) 967-6364
w4tl@sera.org

We certainly hope that everyone had a Merry Christmas and great New Year Holiday. We got to spend time with our son and his family in Macon and had a nice time with the grandchildren. Back in the summer we were all wishing for cooler weather and now we are hoping that it will soon warm up again. I guess we, as humans, are never satisfied.

Hopefully, everyone has returned repeater data sheets and has their repeater info up to date. If you haven't received a data sheet in several years due to a move, trustee change or whatever, the Georgia SERA staff will be more than happy to assist in getting your repeater info updated. Repeaters that have not been heard from in three years could be in danger of de-coordination according to the SERA CP&G.

Please read SERA Policy 13 and 17. If you do not have a current copy of the SERA CP&G, it is posted on the SERA web site at *www.sera.org* . The Georgia SERA staff is here to help you, so let Rick Wright W4LOC our State Director or one of his assistants know if you need anything.

Congratulations are in order for Sandy Donahue, W4RU, the new ARRL Southeastern Division Vice Director elect. Sandy has served Georgia well as Section Manager and I am sure he will do likewise as SE Vice Director. And congratulations to Susan Swiderski, AF4FO, of Norcross, who will replace Sandy as the new Georgia ARRL SM. An Extra Class licensee, Swiderski has been active in the ARRL field organization and has served as an Affiliated Club Coordinator. She is currently president of the GARS (**Gwinnett Amateur Radio Society**), the largest radio club in Georgia.

And we also note a couple of new Georgia ARRL Staff appointments: Mary W. Ahls, W4NZJ, the new ACC, and Robert Tyler, KF4VBR, the new SEC.

We are glad to hear the **Atlanta Radio Club's** 145.35 repeater back on the air again. This repeater is located on the WFOX radio tower near Chestnut Mountain. It is located approximately two miles from my home. Hopefully, their 444.450 machine will be back on the air shortly. Both of these repeaters have been off the air for major restoration.

John Talipsky Jr. KA4VQH was named Atlanta Radio Club "Ham of The Year" for 2001. John is both Activities Manager and Hamfest Chairman for the club. Congratulations John.

Kingsland - The 51.94 KC5BMJ 6 meter repeater (PL 82.5) is getting a BRAND NEW DB-212-2 antenna, custom tuned by Decibel Products for installation probably in January. A Scom-7k controller has been purchased for this machine and it should be online soon. The height of this repeater is about 300 feet, so it should be relatively easy to work, especially when the band is open.

Both the other repeaters in the area, 147.285 and 444.625, continue to operate very well. Recent upgrades are a Scom 7k controller and a Motorola MSR-2000 repeater for 147.285. The 444.625 has been upgraded to a Motorola MSF-5000 repeater.

74th Atlanta Hamfest
Gates Open:
8:30AM – 3:30PM
Admission: $5
(18 & Under Free)
Talk-in: 146.820(-)
Sponsored by: The Atlanta Radio Club, W4DOC, & The American Radio Relay League
SATURDAY JUNE 1, 2002
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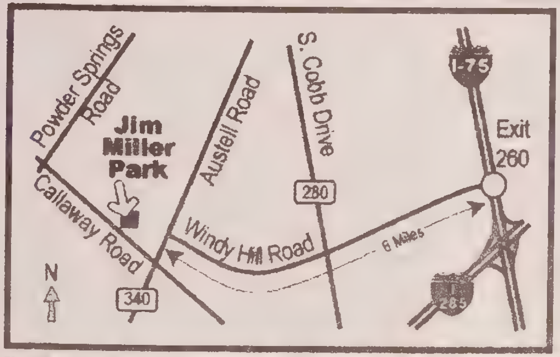

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John Talipsky, KA4VQH (770) 995-6446 or Email: johnka4vqh@aol.com

Lawrenceville - the **Gwinnett Amateur Radio Society (GARS)** held its first annual Auction on October 20th at Briscoe Field in Lawrenceville. Although there was a light turnout, the club managed to raise $1,139.20 for the GARS Scholarship Fund.

There was quite a selection of items that were auctioned, thanks to the generosity of club members, other hams, the local community, area businesses, and the EAA for the use of their facility. The Venture Crew sold food and drink (Ray Back was using his well-honed sales skills to sell popcorn and batteries for the crew) and a good time was had by all.

Mike, K4HBI, and Cliff, KF4DZV were the auctioneers and managed to get through the day without losing their voices. Andrea Hartlage, KG4IUM hosted the kids auction and it was rumored that talent scouts for several major TV studios were in the audience waiting to make her an offer! (hi, hi).

We represented SERA at the **Alford Memorial Radio Club** (Lawrenceville) Hamfest in November. This is perhaps the best-attended hamfest in Georgia and has a terrific tailgate and flea market area. As always, we were well treated by Randy Bassett and his staff at this event. Thanks Randy. A special thanks to my wife, Ruth, K4RHJ, and to Sarah Grier, K4SBG, who helped man the SERA table while I was scrounging the flea market (one of my favorite past times).

Let's not forget some great hamfests coming up real soon in Georgia. The first of the season is the Dalton Hamfest, which is sponsored by the **Dalton Amateur Radio Club** and will be on Saturday, February 23rd. This is one of the best-attended hamfests in Georgia and always has a great flea market, even though it might be cold. The next hamfest that comes to mind is the **Kennehoochee Hamfest**, which will be held in Marietta, at Jim Miller Park on Saturday, March 16th. This is another hamfest that always has a good flea market. The **Cherokee Capitol Amateur Radio Society** 2002 Hamfest will be April 27th in Calhoun. The **Statesboro Hamfest** is scheduled for May 18 in Statesboro. The **Atlanta Hamfest** is scheduled for June 1 and the **Albany Hamfest** is scheduled for June 8. Make plans to attend these fests in your area and support these radio clubs.

It seems as thought there are a lot of "husband & wife teamwork" going on in amateur radio, as demonstrated by some recent amateur of the year awards at some local radio clubs. Carol and Victor Gann were the recipients of the *2001 GARS Ham of the Year* award. The presentation was made at the GARS Holiday party on December 2nd.

Peggy and Ken Parrish were the recipients of the ***2001 Lanierland Amateur Radio Club*** *Amateur of the Year* award. The award was made at the LARC meeting on November 27th. Congratulations, guys and gals.

If you have any information that you would like mentioned in the Georgia column of the Journal, please get them to me and I will make every attempt to include them in the upcoming issue. If you haven't included me in your newsletter mailing, please do so.

SOUTH CAROLINA

REPORTED BY
ROGER GREGORY W4RWG
102 PARTRIDGE RD.
UNION, SC 29397
(864) 427-1462
W4RWG@SERA.ORG

Hello South Carolina,

I hope everyone had a very Merry Christmas and got what they wanted under the tree.

Thanksgiving day, 2001 marked a milestone for me, it was my 25-year anniversary with the Sheriff's Office. I now have my retirement, but I think I'll stay for a while.

The SERA Board of Directors held their annual meeting in Pigeon Forge, Tennessee on January 5th and 6th. Attending with me was a newcomer to SERA, Jim Cantrell WJ4C, who is also from Union. Bill Jones, our South Carolina Director, had appointed Jim Assistant Director for South Carolina back in November. Several changes took place in the South Carolina District.

Bill Jones who has been SC Director for the last 10 years decided to resign, stating other interests were taking all his time and he didn't think he could give the time to SERA that it deserved. We will miss Bill and wish him well.

I was elected Director for South Carolina, and Jim Cantrell was elected Vice-Director. I am honored to have the position of State Director and promise that I will work hard to insure SERA is represented well in South Carolina.

Jim will be coordinating repeaters in Eastern South Carolina. He has been a ham since 1975 and brings much experience to our organization. He will be working closely with me to insure South Carolina hams receive the best service from The SERA possible.

With this issue of the ***Repeater Journal*** we say our goodbyes to our long time Journal Editor Wayne Williams and welcome our new Editor, Gary Pearce. I have enjoyed my short experience with Wayne, and look forward to a good working relationship with Gary. Support Gary as you have supported Wayne in the past, and we will continue to have a top-notch magazine.

The Anderson Radio Club has planned their hamfest for Saturday, May 18, 2002 at the same location as years past, Sadler's Creek State Park. This is always a nice friendly hamfest and one you should mark your calendar for. An antenna raising party was held October 20 at Jerry N4BAO's QTH. The tower climbers were Steve N4SZ, and Jimmy WD4BUH. Jerry KD4PJO provided ground support, and Rene KD4HDU provided lunch. It seems that no matter where you live there are hams that are willing to help each other. That is what makes Amateur Radio such a great hobby.

The **Blue Ridge Amateur Radio Society** welcomes new members Butch Brooks KG4ORU, Josh Owings KG4PFJ, and Cecil Kelly N4TSK. Their new officers for 2002 are Philip Yanov K4PJK, Vice-President Johnny Allison WD4DYH, Secretary Gretchen Ellison KE4HGX, and Treasurer Jane Duncan WA4LUQ.

The BRARS is looking into the possibility of having a club library complete with books and tapes that will be available for members interested in upgrading their licenses.

The BRARS thanks Sue Chism N4ENX for her efforts in coordinating the annual Boy Scouts JOTA or Jamboree on the Air that was held in October. This event gave local Scouts the opportunity to talk to Scouts in other parts of the Country. Assisting Sue were John Chism ND4N, Bill Chartier N4IQ, Philip Yanov K4PJY, Greg Roane KG4MFF, and Charlie WA4PKL. Members of the BRARS are to be commended for their efforts with this event.

Charleston Area Hams Charlie Hall KF4AOT, Larry Butler W4CSC, Charles

King KG4KCT, Ken King AG4IM, Mike Stafford KF4NCB, Andy Miller KG4FCA, and Bob Baldwin KE4KUR in conjunction with the people of the National Weather Service Charleston Office participated in the NWS / ARRL National Skywarn Recognition Day, held on December 1st. The event group made 199 contacts, including working 24 National Weather Services Offices and 34 States. Modes worked included SSB on HF, two meter VHF via repeaters, and APRS. Thanks go out to Jerry Harrison who is the weather spotter / Skywarn Coordinator for the NWS in Charleston.

The Chester Amateur Radio Emergency Services Club welcomes new member John McClive KO4AG. On November 19 the CARESC sponsored a Red Cross Blood Drive at Prince of Peace Lutheran Church. The Chester Club and the Union Club enjoyed a Christmas dinner together at the Captain's Galley Restaurant on December 13.

On December 15, the CARESC provided communications for and assisted with traffic control at the Lowrys Christmas Parade. This parade has become a local favorite because it is a old time parade. They were approximately 7000 people on hand to watch the parade, and over 500 horses and riders and 40 farm tractors that participated.

The **Columbia Amateur Radio Club** now has it's own domain name, and a new web site. The URL is *www.kf4ghc.org*. Club members can now have their own email forwarding address.

The CARC provided communications for the Veterans Day Parade on November 4th and the Christmas Parade on December 1st. The CARC mourns the death of Robert Landreth AC4XM. I extend my sympathy to the family of Mr. Landreth and to his club family.

2002 officers for the CARC are President: Jeff Webb KE4GTZ, Vice President: Powell Way W4OPW, Secretary: Wade Smith W4QVE and Treasurer: Robert Cooke K4RKC.

The **Florence Amateur Radio Club** has reached an all time high for membership. The club now has 45 active members. From reading their newsletter, it looks like they are having 25 or so present at their club meetings. This is great! What's your secret?

One club member John Schmacher-N4DOU was called to New York City to assist with counseling people involved with the World Trade Center Disaster. He spoke to the club about his experiences of the trauma and the horror he saw while working 12–15 hour days. I applaud John for giving of him self in this special way.

The FARC features one of their members each month. The November issue shines its spotlight on Bob Davis N4RST, an Extra Class operator who is a pharmacist at McLeod Medical Center in Florence. He spends most of his ham time on 40 and 80 meters. Must be a DXer like me. The December issue features William B. Cheney N4AAK. William holds a Technician Plus operator's license and is active in Air Force Mars. William is a Registered Investment Advisor with Fraser Glen Investments.

New officers for the FARC are President John Kirkland KF4HJS; Vice-President Lloyd Mitchell KD4HTW; and Treasurer/ Secretary John Germain.

Repeater Journal

Hamfest Advertisers

In This Issue

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Atlanta (GA)	June 1	Pg.43
Beckley (WV)	May 11	Pg.54
Charleston (WV)	March 16	Pg.13
Charlotte (NC)	Mar. 9-10	Pg.9
Elkin (NC)	Feb. 24	Pg.50
Gainesville (GA)	Jul. 13	Pg.57
Kinston (Down East NC)	March 24	Pg.21
Knoxville (Kerbela) (TN)	Mar. 2	Pg.23
Knoxville (RACK) (TN)	June 8	Pg.59
Morganton (Catawba Vly NC)	Apr. 20	Pg.4-5
Raleigh (NC)	Apr. 14	Pg.22
Salisbury (NC)	Jul. 6	Pg.53
Shelby (NC)	Aug.30-Sep.1	Pg.48
Spartanburg (Upstate SC)	May 4	Pg.17
Timonium (Baltimore MD)	April 6-7	Pg.19
Winston-Salem (NC)	Jun. 8	Pg.47

Attend and Support as many of your area Hamfests You Possibly Can. It's lots of Fun!!!

The **Foothills Amateur Radio Club** has a new Club Call sign WT4F. I was happy to assist them in changing their call sign on their SERA coordinated repeaters. Thanks go out to Phil Caldwell for his time and efforts in obtaining the new call. The FARC is making plans for Field Day 2002, and becoming an ARRL affiliated club. Keep sending me your news, Linda

.

The **Grand Strand Amateur Radio Club** has done extensive work on their 147.120 repeater including retuning their duplexers. The machine is working better than it has in years. They plan to have all their Skywarn nets on this repeater.

The GSARC has a very nice website. Much work has been done improving it lately thanks to Tom AF4HL, and Jim KF4EZN. The URL is *www.w4gs.org*. Try it; I believe you will like the swap page.

The GSARC held their hamfest on November 10 and expectations were exceeded. They had between 250 and 300 attending. Plans are in the works now for Beachfest 2002.

New officers for the GSARC for 2002 are President Gordon Mooneyhan KE4HXL; Vice President Tom Morgan AF4HL; Secretary Dawn Sapio KG4TAZ; Treasurer Don Knotts KD4RZW; PIO Jim Laflamme KG4JUT; and Trustee Eddy Byerly AD4TZ.

The **Laurens Amateur Radio Society** held their annual election for club officers with the following results: President Wayne Deitz KE4ZWF; Vice President Joe Elias N3WTV; Secretary Spence Miner K4KEP; and Treasurer Bob Dominick. The LARS welcomes back Elaine Thorp KF4JYJ as a club member. Field Day results for the LARS are impressive with a final score of 3774 points placing them first in South Carolina with a 1A station category.

The LARS wishes to thank Jim White KF4YKT for his faithful service to the club serving as President for the last two years. Much work has been done and much progress has been made under his leadership.

Keep sending me your news and I appreciate the kind words about me in your newsletter, and I will be glad to come to Laurens to talk about SERA.

The **Salkehatchie Amateur Radio Society** has a new slate of officers for 2002. The new President is Adam Hoffman AF4QZ, Vice President is Bill Wetzel W4OXA, and Secretary / Treasurer is Ray Thomas WA4OMM. Ray and Kathleen own and operate Rosewood Company. Adam has in his plans for the new year programs on APRS, Weather Spotting, and DXing.

The SARS is planning their tailgate party for the last weekend in April at the Windsor Community Center. The SARS has weekly net on Monday at 8:00pm, on their 147.030 repeater. The tone is 156.7. Stop by and check in.

The SARS wants to thank Adam AF4QZ for the great job in producing their newsletter for the last 24 months.Having that responsibility for the last several years, I know what a job it can be. So I thank you too Adam. The SARS is planning a Technician Class in the near future. More about that in the next issue.

The **Spartanburg Amateur Radio Club** assisted with the Boy Scout Jamboree On the Air (JOTA) at Camp Lee. Those helping were Mark Thompson N4TIR, Steven Wilzbacher K4SAW, Art Patterson KE4EAN, and Fritz Nitsch W4NTO, who is a "professional cw operator". If you look in Webster under cw, there is a picture of Fritz.

The SARC has installed a new dual band Kenwood TMV7A in the Club room at the Red Cross Building. This replaces an older two meter radio. Now they will have the ability to use their 442.175 repeater from their club meeting place.

I want to thank the SARC members for supporting the Union Hamfest by attending and a special thank you to those that helped with various jobs.

The **Union County Amateur Radio Club** was pleased with their hamfest this year even though they had to change locations. All the dealers loved the new location. Good weather brought out an abundance of tailgaters and all in attendance had a fine time.

The UCARC had their annual Christmas Dinner / Meeting at the Captain's Galley Restaurant in Chester, SC. The election of officers was held with the following results: President: Roger Gregory W4RWG; Vice President: Ron Crisp WB4VZN; Secretary: Lenea Walters KF4YWL; and Treasurer: Jim Cantrell WJ4C. The President made the following appointments: David Walters N4ADW as Emergency Preparedness/ Skywarn Coordinator; Gerald Emory WG4E as Program/ Schooling Coordinator; Marshall Hodge W4MLH as Newsletter Coordinator; Don Hall KD4VKU as Net Control Manager; and Pete Berry KI4PA as Public Relations Coordinator.

Since the last issue of the ***Journal*** several South Carolina Hams have received SERA coordination for new repeaters. They are: Jim Reading K4JR for 145.430 in Sumter; Chris Hoover N5CWH for 146.655 in Gilbert; James Hagen KD4HEY for 442.750 in Anderson; William Brown KG4AQH for 441.525 in Greeleyville; Glen Seigler KG4BZN for 52.310 and 444.550 in Walterboro; Phil Shreves N7GZT for 442.200 and 224.165 in Columbia, and 444.875 in Orangeburg; and Charles Davis N4UHF for 444.650 at Lake Murray. Congratulations to you new repeater owners/trustees. The SERA was happy to assist you with your repeater project. If I can assist you with anything, let me know.

In closing, I want to thank all the clubs for keeping me informed about your club's activities. This makes my job much easier. Help me make the South Carolina Column bigger and better each issue. If you are reading this magazine and you don't see anything from your club secretary, ask him why? Then tell him all he has to do to see their club news in print is to send your news or your newsletter to me at *w4rwg@sera.org*. •

VE Session List Missing?

Indeed, it is. We were unable to incorporate our usual February feature listing all the VE test sessions in SERA territory. We will attempt to compile that page for the May issue. If your VE schedule has changed, please notify the editor@sera.org!

SERA Welcomes Jim Cantrell WJ4C

A SERA BIO: *Jim is the new Vice-Director for South Carolina, and a very busy ham.*

I am 56 years old and have been involved in Amateur Radio most of my adult life. My first involvement was in High School here in Union, SC where a local Ham, K4LNJ, taught me Morse code and started me on the theory. To make a long story short, girls and football won the battle for my attention at that time. Finally, after marriage, two children, and a tour in South East Asia, I had the time and opportunity to continue my quest in 1974.

By the beginning of 1975 I had received the call WN4MIB and was pounding brass in the storage room beside the house with a single crystal on 3.709 with a borrowed DX-60 and an HR-10B I had just finished. That first contact was one of the biggest thrills of my life.

In 1976 I upgraded to General and got my first two meter radio and my first microphone. I also acquired my first SSB radio (a Heath HW-100) and was literally mike shy for the first month or so and continued to work mostly cw. It was nice to be off the rockbound DX-60 though.

Later in 1976 I had orders for Guam and eagerly packed up all the ham gear and the family and headed for a tropical isle in the middle of the Pacific with dreams of DX dancing through my head. Armed with my trusty HW-100 and an HW-32a as a backup, I found out what it was like to be DX. I was like a child in a candy store. It was hard to pick which stations to work next. You knew you couldn't have them all, but hated to leave any out. Before the end of my tour on Guam, I decided to upgrade to Advance class and passed the test just before leaving for Oklahoma City in 1978 where I would have the call KB5HU (try that on cw).

While in OKC we bought a house on one of the few hills in the area which gave us a beautiful view and an ideal radio location. I developed an interest in simplex VHF, RTTY and computers, and was soon combining these interests. I began writing a program that would emulate the HAL Message Storage Operations on the COCO computer which I tried out on VHF and eventually on 80 meters.

After 5 years in OKC and several trips around the world with the Air Force, we moved to Fayetteville, NC in 1983 and changed calls again. Now with the call KI4FL, I joined the local club and started developing a greater interest in repeater operations. Two other events helped to change my interests while I was there. I saw a demonstration of ARPA Net via UHF link that was a forerunner of what the internet was to become, and the first packet TNCs came on the market. I had soon forgotten about RTTY on VHF as I found the advantage of error checking made packet far superior.

When 1985 rolled around I decided 21 years was enough time to spend in the Air Force and retired as a Senior Master Sergeant.

In 1986, we moved back home to Union, SC, and settled out in the county. My interest in packet continued to build and soon I bought one of the early PC clones. I was soon running one of the few packet BBS stations in the state and was involved in packet digipeaters and interstate message forwarding. I qualified for and began operating under the STA for unattended HF operations and was either a member or net manager of a 40 meter national packet net for the next several years as well as maintaining a presence on VHF.

This was also a time of resurgence of interest in amateur radio in the local area spurred by the introduction of the codeless license. With the renewed interest, the Union County Amateur Radio Club was also resurrected and I was elected as an officer in the club. I was also a member of the technical committee as we placed our first repeater on the air on 145.25. That was a proud day for all of us.

We presently have a second two meter repeater on the air and are finishing work on a 440 repeater. During this time, I also upgraded to Extra Class (WJ4C). This past year we started a VE team with WCARS which I coordinate, and I am still an officer in the local club and a member of the technical committee. Thanks to the interest in computers that was sparked by amateur radio, I am co-owner and head of technical services for a local computer service and sales center and love my work.

Amateur radio has enriched my life in many ways, keeping me involved in the local community and public service, spurring my interest in electronics and computing, and making me more at ease communicating with a diversified populace. It is hard to believe something that has added so much to my life, has also giving me so much enjoyment. •

NORTH CAROLINA

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
wa4ke@sera.org

The printer's devil is retiring and no longer has to mind his p's and q's. Even during retirement, I'm sure Wayne will be keeping a tight rein on the Lynch Mob, continue being a presence at the North Carolina Hamfests and being a strong advocate of *The Repeater Journal*. Gary Pearce, KN4AQ, has accepted the Journal editor's position and should have no problem filling the editor's visor. Good Luck Wayne and don't work so hard.

Speaking of Hamfests, the **Johnston Amateur Radio Society** finished the 2001 NC Hamfest schedule with an excellent show, as always. The final numbers for membership sign-up has North Carolina at the top with 329 members, new and renewals. This type of number indicates a strong support within NC for repeater coordination and also shows the hard work being done by the NC SERA Group.

The starting line-up for 2002 includes Elkin, Charlotte, Raleigh and Kinston for the first quarter. Please continue to support the local Hamfests and take a chance to visit with your past contacts.

AC4RC, The Azalea Coast Amateur Radio Club, recognized KB4AKH, Clarence Sullivan, for his assistance in restoring the original equipment to operational status on the Battleship North Carolina. This is another fine example of public service performed by Hams, which can be beneficial to the general public.

Congratulations to the participants of the ARRL Field Day. North Carolina continues to have a strong showing in the various categories. Keep up the excellent work. The top NC entries are N4OL, NC4ES, N4HRL, N4RS, N4NG, WQ4RP, W4YK, N04Y, W4EZ, KQ4O, W4MOE, W4DW. I hope I listed all the top entries and my apologies for the clubs I missed.

The **Mecklenburg Amateur Radio Society** participated in several public service events during 2001. It was noted that a trend toward cell phones for communications during these events. As noted in the MARS newsletter, cell phone complacency strikes home the hardest during the worst natural diastase. Public relations is needed to ensure the public realizes the capability of amateur radio and the ham operators need to ensure adequate manning of these public service events. The club also recognized KI4YV, Bob Southworth, for his contribution to the Discovery Place Museum over the past years.

The RARS ***Exciter,*** the newsletter for the **Raleigh Amateur Radio Society,** had a special article about the MS-150 event held in New Bern. Individual amateurs submitted their personal articles for an excellent collaboration of the events which occurred during the bike tour. The articles described bikers with broken bones, rain and humidity, broken spokes, flat tires and excellent teamwork. The MS-150 allowed for an excellent display and use of the APRS system. Kudos go to Bob K1RCB and Vince KF4ZMV for their coordination and to Bruce N8UTY for his New Bern assistance.

John, KG4HDT, Co-Wake County Emergency Coordinator, did a wonderful job coordinating radio operators for the NC State Fair Red Cross communicators. This is a wonderful public service event that allows ham operator to use their communication abilities and obtain a free pass to the fair. If you're interested, give KG4HDT a call next September.

The **Tri-County A.R.C.,** NC4AR, sponsored a special event station in Randleman, NC, at NASCAR DAYS, on October 13th.

If you're looking for Greenville's **Brightleaf ARC** meeting place, its been moved to the American Legion Building on St. Andrews Drive across from the Beef Barn. The club would like to express its appreciation to Walter Vendrick KA4WFS for his assistance in locating a site. Also, Colonel Tom Parsons W4TEP is assuming the duties of VE coordinator for BARC.

The **Cary Amateur Radio Club** had their annual Foxhunt. Two foxes were released and were chased by six packs of dogs. K4IWW and N4AJF finally cornered the foxes. NZ0I provided the foxes and some of the tracking equipment. Also, the Backwoods Orienteering Club and the **Piedmont Transmitter Trackers** had their last foxhunt of the year at Umstead State Park. The course was set-up similar to an International Amateur Radio Direction Finding event. This style of foxhunt has five foxes, which transmitted at a specified interval. KF4URC and K4ZAD bagged all five foxes. As a reminder, the USA Amateur Radio Direction Finding Championships will be held near Pine Mountain, Georgia, April 19-21, 2002. The Southeast United States should be honored to host this event and interested trackers should visit *www.homingin.com* or *www.qsl.net/nz0i* for more information.

Different newsletters and websites indicated that a majority of clubs participated in the Boy Scouts Jamboree, October 19-21. At Lake Waccamaw's Boys and Girls Club, Bill N2COP provided assistance, as did Bill N2WG with the Boiling Springs Lakes Girl Scouts. Both N2COP and N2WG are members of the

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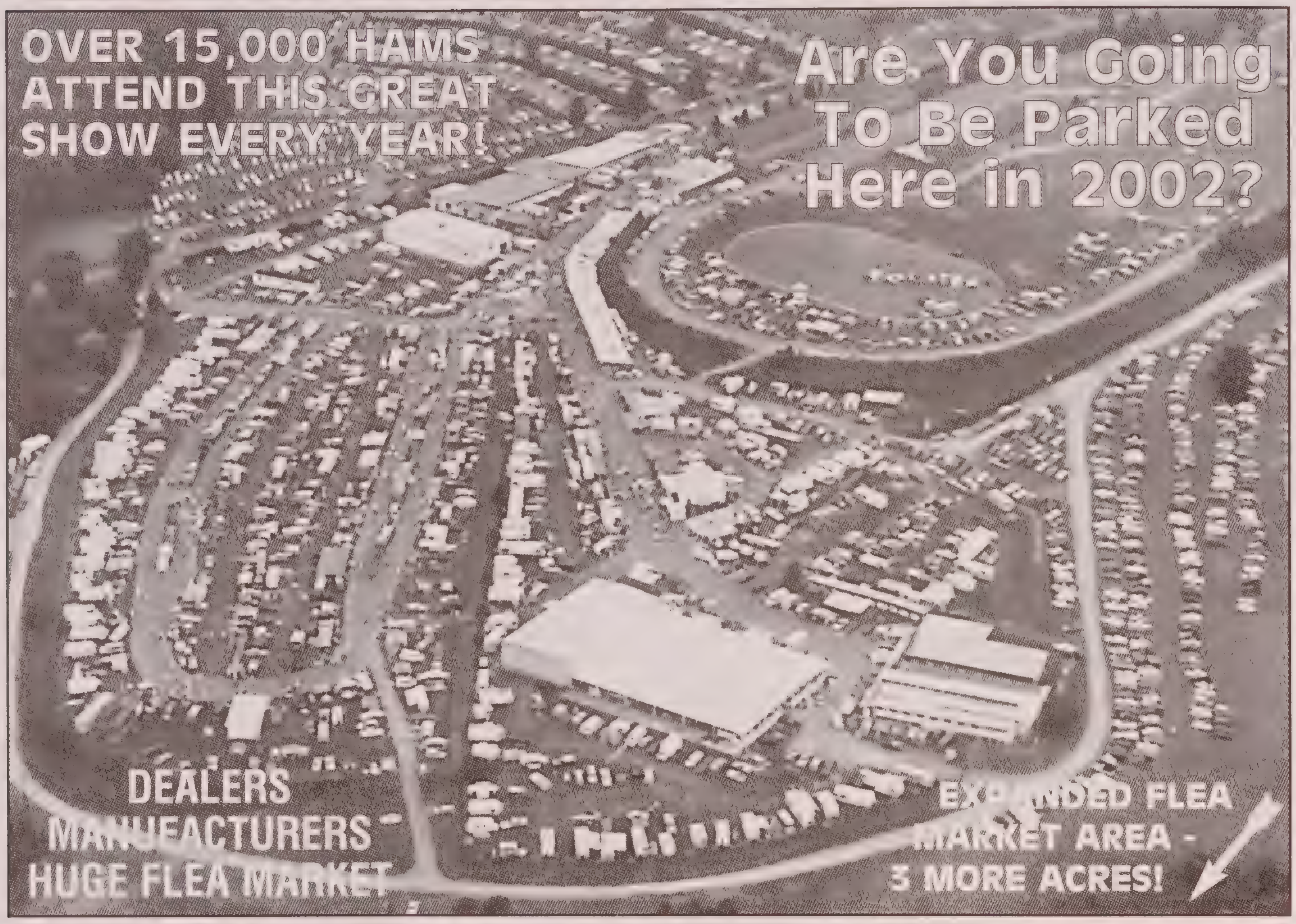

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Azalea Coast Amateur Radio Club AC4RC. W4EWN/R, the **New Bern Amateur Radio Club,** joined with the Neuse Basin District Boy Scouts participating in the JOTA at the Craven Count Community College. This is a great time to get Scouts interested in Amateur Radio. Please place it on your calendar for next year.

The **Kinston Amateur Radio Society** member Russ Worthington WA4POD is currently working on an Internet Linking Repeater. An excellent article was in the October issue of ***The Repeater Journal*** and provided more information concerning this type of repeater system. Also, a program concerning the Global TransPark communications center was provided to the club members. The communications system at the GTP is a backup to the State EOC.

On Friday, November 9, Barbara Pedersen KE4JZM's science class at Phillips Middle School in Chapel Hill, had a QSO with the International Space Station. Members of **OCRA, Orange County Radio Amateurs,** helped to make this contact possible. I walked out to the truck during lunch to listen in and would like to commend the students for preparing insightful questions. (No carbonated drinks are allowed on the Space Station) This contact was rebroadcast on 442.15 in Chapel Hill, and repeated in Raleigh on 146.775, thanks to the KD4RAA Repeater Group. 146.775 is part of the Internet Linking Repeater Project. The Internet Linking Repeater Project played a part of a Space Station QSO and allowed 37 additional repeaters to provide the QSO to additional schools.

A new repeater has been activated in Raleigh. Danny Hampton K4ITL, has placed a 220 MHz repeater on the new HDTV tower of WRAL. This tower is located in Auburn, NC and the repeater has a 224.16 frequency, 1.6 MHz offset, with no tone. Key it up and give it a try.

Liz Stanley KF4UQZ has organized a new organization to assist in the public service needs in North Carolina. The group is called the **Central Carolina Helping Hams.** This organization is for all hams regardless of their club affiliation.

Their first event was the Raleigh Marathon on December 2. Excellent communication support was provided at each checkpoint and also by the escort vehicles. The Helping Hams also provided an APRS display to indicate the lead and last runners. Please visit their web page at *www.hampublicservice.org.*

On Dec. 11, 2001, I had the great honor of attending the **Montgomery County ARC**. The invitation was extended by the club President Jim Aderholt KI4DH. This club is an excellent example of what Amateur Radio Operators can do when situations cause a need to be met.

The club got its start during the Great Snow of 2000, when Montgomery and surrounding counties were without electrical power and communications. At this time, Montgomery County had no repeaters and few amateur operators. Emergency repeaters were brought in to fill the communication requirements until the storm resided, and then the formation of the club started.

A Gathering of Presidents

Jim Aderholt KI4DH, President of the new Montgomery ARC, is joined by fellow prexy's Butch WS4H (Randolph Co. ARC) and Ernie KR4W (Moore Co. ARC).

This club was built with great cooperation from the **Moore County and Randloph County Amateur Radio Clubs**, and this was evidenced by the presence of Butch WS4H, President of Randloph County ARC, and Ernie KR4W, President of Moore County ARC. Within a year and half after its start, this club has participated in W4VEC, VEC for the Moore/ Montgomery/ Randolph area and has initiated the paperwork to establish a Montgomery County ARES group.

These three clubs are very active and assist in the Pinehurst Dressage Show in May, and the Uwharrie National Forest Marathon in February.

The Montgomery County ARC would like to express its appreciation to the NC SERA Frequency Coordinators for assistance with the 147.090 Biscoe/Troy Repeater NC4MC, and I would like to express my appreciation for the hospitality shown to my wife and me. If you are in Montgomery County area on the second Tuesday of the month, I would highly recommend stopping by for a visit.

Who is E. Clark Quackenbush and what did he do for the communication industry? Please update your club websites and thanks for the club newsletters and information. Please continue to send the news to **wa4ke@sera.org**.

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The Red Queen's Race

Progress is going forward. In this world there is no alternative to progress. We accept as inevitable that things change and so must we. New things come along and replace old things and that's progress. It is an accepted corollary that things get better and better. When something new comes along, the only thing to do is to incorporate it into our life, use it and extol its many advantages and virtues to all around. People must be generally sorted into two classes: those who think positively and are always looking upward, and those who drag their feet and live in the past. The latter are also known as reactionary and conservative by the more generous, and as backward thinkers, retrograde, anti-progress, non-patriotic, pathetic or just plain dumb by the less generous. We'll just call them *Group X.*

After living for a while in our culture you gradually realize the way things work. Someone comes up with a thing or an idea. Nothing happens at this point unless he, or some group with whom he is associated, figures they can realize an advantage (often monetary) by developing and promoting this. Promotion is the key, for we now realize that if there is any vestige of perceived virtue to a thing the public can be made to desire it intensely after enough effort (money) is spent on its promotion. After the initial sale, the advantage can be parlayed over and over again, so that if "small" is good, the item gets smaller and smaller (and more expensive), and if in the item, "big" is desired, it gets bigger and bigger (and more expensive): extended far beyond any reasonable limit it is still progress. We note similar trends in faster, slower, brighter, sexier, louder, smarter, bloodier, fuzzier, etc. Rarely does anyone ask "why are we doing this?" for fear of being classed in *Group X.* Consider also that there are usually tangible rewards for the individuals who are promoting the progress while rewards are meager to nil for those who resist.

As new things come along, old things get discarded. Ideas, ideals, values, practices and methods as well as physical hardware go by the board. I know how to raise real numbers to fractional powers using a slide rule and how to

SERA Full Repeater Membership Report

Full Membership - By State - By Year - 1995 - 2002									*1st QTR 2002 REPORT*			
SERA STATE	**TTL**	**TTL '95**	**TTL '96**	**TTL '97**	**TTL '98**	**TTL '99**	**TTL '00**	**TTL '01**	**Ttl. Mbr 1st Qtr.**	**TOTAL Mbr. %**	**TOTAL RPTRS**	**SERA STATE**
GA	195	236	217	260	232	235	241	243	212	47.5%	446	GA
KY	80	122	129	140	154	165	166	181	168	54.5%	308	KY
MS	50	75	73	60	59	62	71	71	56	33.9%	165	MS
NC	243	274	295	283	288	278	329	320	244	51.9%	470	NC
SC	68	83	81	84	79	91	97	101	93	53.1%	175	SC
TN	188	202	193	227	221	206	225	232	202	43.1%	469	TN
VA(1)	157	178	162	181	189	182	170	181	169	59.6%	284	VA
WV(2)	62	82	84	90	95	80	76	83	58	34.1%	170	WV
TTLS	1043	1252	1241	1325	1317	1299	1375	1412	1211	46.8%	2587	ALL

(1) Total Virginia list does not include 100 or more Repeaters in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more Repeaters in the West Virginia Panhandle area in T-MARC Territory.

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draw parallel lines with draftsman's triangles. I can also straighten a used nail for reuse. These are skills which once served me well, but for which there is no current application, and with only a twinge of nostalgia I gladly relinquish to the past. The chamber pot and the horse carriage are not really missed by anyone. Neither are vacuum tube radios or analog computers. However, the notion that *all* innovations are good, although highly popular, has not consistently held up. History notes several cases where second thoughts were appropriate.

Environmentalist are foremost in pointing out mistakes of the past, but there have also been a few bridges that collapsed and several fads that passed by wayside. There are several social correctional procedures that have failed miserably from plans to handle inner city problems to relocation of indigenous tribes. Indeed, it seems that our politicians still believe that any problem can be solved by passing laws and creating bureaucracies. And the politician always looks good no matter what happens.

Do you ever ask yourself, "Hey, who is in charge here?" Things just sort of happen and they are invariably driven by people with ulterior motives. Sometimes (rarely) when the public gets jerked around enough there is a backlash, but mostly everybody goes along with "progress" without anyone really directing it or analyzing it. There is no one (or thing) who sits up there and asks, "if we go in this direction long enough will we be in bad trouble?" There is no one to ask, "Are the values we are establishing with this new wave actually superior to the values they are displacing?" When I was a teenager and with my crowd doing what teenagers did back then we would chide each other, only partially in humor, "God is watching you." I have come to realize that if he is, he isn't doing anything about it, and we will ultimately live with the mess we make.

For most of you who are reading this, Amateur Radio, our hobby, is the subworld in which we live, and, while it has experienced perpetual metamorphosis, it is presently experiencing a rate of progress rather beyond precedence. Not only has the equipment taken quantum strides beyond what was formerly considered "radio", presently piggybacking on commercial computer technology, but the definition and very notion of amateur radio as a hobby is being restructured. How can we know whether an awful mistake is being made? Perhaps we won't, and then it won't be an awful mistake. As the ranks of amateur radio flood with those enlisted under the new ground rules, the new hobby may be very happy with what it is, at least for a while. Those who are unhappy will be free to sulk away to find other things to do.

It is interesting that as ARRL abandoned Morse code and moved to higher levels of endeavor, a splinter group numbering tens of thousands who love CW quietly moved off and reorganized. They no longer look to ARRL for succor or support and are quite happy with a cohesiveness that might well be envied. The National Traffic System also seems to be abandoned by ARRL. If you look back over the last few years of your ***QST*** issues you are not likely to find many articles on traffic. Under "Public Service" and field organization reports you will find, in very small print, lists of hams who have handled significant amounts of traffic. There may be a few hundred of them, and they are always the same guys. There is no comparison of this cursory treatment with the coverage given to contests, DXpeditions, League business, computer modes, or the amateur radio emergency service. There is a bare mention of NTS on the ARRL web site among pages and pages of more important stuff, but you must work hard to find it. Although steadily declining in participation, there remains a core NTS that are very dedicated to what they do and are unaware that they are no longer part of the world of progress. It is unlikely that they, like the CW guys, can survive the disfavor of the organization to whom they pay religious homage.

So, how can we know whether progress is leading amateur radio in an upward direction? Perhaps we won't be able to tell. Like rap music and reality TV it may go on and on. Or then maybe not. •

IRLP Update

Last issue we failed to mention that the *first* SERA area repeater connected to the IRLP (Internet Radio Linking Project) was the Big Shanty club's machine in Atlanta. They've been part of the network since early 2000.

As the IRLP continues its rapid growth, new coverage is appearing everywhere, including many more SERA cities. Joining Atlanta GA, Greenville SC and Raleigh NC are newly connected repeaters in Chesterfield VA, Kinston NC, Columbia and Gilbert SC, and Nashville, TN.

The hams running the Raleigh node have added a new "reflector" - the East Coast Reflector - to the system. It's designed to attract repeaters from this area, but repeaters around the world can hook up if they choose. It was used to track progress of a winter storm that crossed from GA to VA around New Year.

Keep up with the IRLP's growth on their web page: **www.irlp.net**.

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Exploring Heathkit VHF Transmitters

In the late 1950s and early 60s, the Heath Company introduced a series of transmitters designed to accommodate the serious VHF hobbyist. The actual "look" of these units resembled the popular TX-1 Apache used by HFers. The Seneca, or VHF-1, was the first in this series.

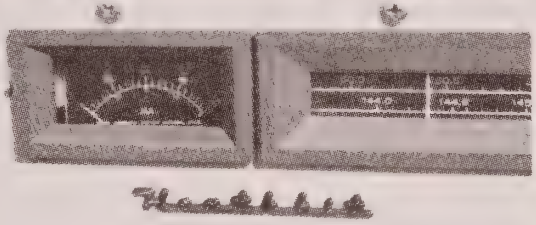
Heathkit Seneca VHF-1 Transmitter

This sturdy transmitter was designed for operation on both six and two meters, and used a pair of 6146 tubes. The rig was limited to AM and CW operation, and developed about 120 watts input on six meters with a reduction of approximately 20 watts when operating on two meters. The 6146 did not perform as well on two and it was not as efficient as its lower powered brother the 2E26.

Although AM operation was still a serious mode for the VHFer in this era, SSB was starting to appear. As a result, Heath introduced the HX-30 SSB/ AM/ CW transmitter a few years later. Interestingly enough, Heath decided not to include two meters and the transmitter was limited to six meters only. The unit employed a single 6360 tube instead of a pair of 6146s, and was limited to about 10 watts input on SSB. To met the desire for higher power operation, the company offered the HA-20 linear amplifier as a companion to the HX-30. The amplifier, like the earlier Seneca transmitter, utilized a pair of 6146 tubes and produced 125 watts input power.

But let's go back to VHF-1 and look at more of its characteristics in detail. Even though it lacked SSB capability, it really offered the best of two worlds by providing both six and two meter operation in one box. In the 1950 era, six meters was more popular than two meters. This was in part due to the many propagation modes available on six meters, and to the some what more demanding design criteria for the even higher VHF and UHF frequencies. During this period, commercial six meter equipment was much more prevalent than for the higher frequencies. Still, two meters was starting to emerge as an interesting band for VHFers wanting to explore higher frequencies.

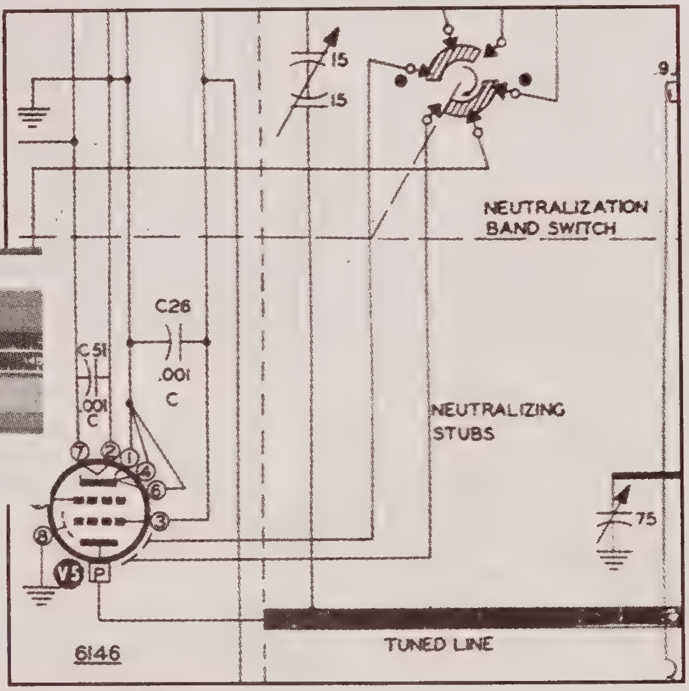
The Seneca was an attractive and functional transmitter for six and two meters. It had a great linear tuning dial with good resolution. A large analog meter was provided for alignment of the final amplifier and other RF stages. The transmitter included an internal VFO using a 6AU6 series tuned Colpitts oscillator. Crystal socket provisions were provided for those desiring better stability.

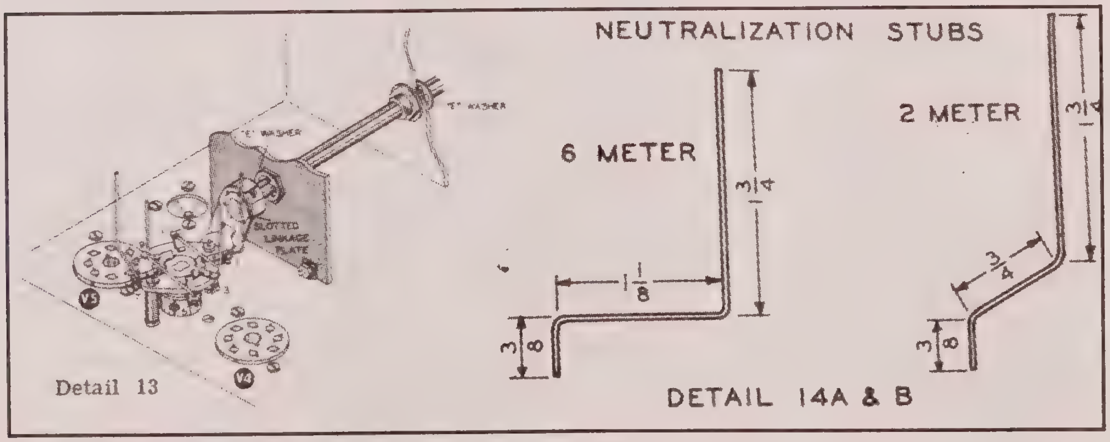


The basic operating frequency in the 8 MCS range was common for this period of time. For six meters, the frequency was a multiple of 6. For two meters, it was a multiple of 18. While drift on six meters was tolerable, the higher multiplication factor for two meters produced more drift so serious VHF operators sometimes used crystals on two meters.

VHF/UHF transmitters during this period were often tricky and difficult to neutralize. Because the RF amplifier input and output frequencies are tuned to the same frequency, undesired oscillation is a problem at higher VHF/UHF frequencies as a result of component and circuity coupling. To cancel out this oscillation problem, either inductive or capacitive neutralization circuits are typically employed.

The Heath solution uses an inductive approach with a pair of wires running parallel to each 6146 tube. The wire (or stub) for six meters has a parallel component 1.75 inches long separated in a perpendicular manner by 1.125 inches. To facilitate neutralization on two meters, a similar stub is used, but with a wire resulting in less separation at the higher frequency. The diagram with this article shows the details. I mention this neutralization scheme for two reasons. It is





***Neutralizing the Seneca** - the schematic and physical diagram from the construction manual. You won't find this technique employed in your dual-band mobile or HT.*

somewhat unique for VHF ham transmitters from this period, but it really worked very well. Secondly, it reminds me of the method utilized in my early broadcast engineering career for an REL FM transmitter using four pushpull-parallel 4-1000A tubes.

The Seneca had six knobs for alignment of the RF section to permit the transmitter to be tuned carefully for the best operation. Adjustments were provided for the buffer, multiplier, drive and link coupling in addition to the final amplifier tuning and loading. The last procedure involved "dipping" the final amplifier current with the tuning control, while varying the loading for the most efficient RF power transfer. A five position metering switch was used in conjunction with the analog meter. For chasing serious DX, the large metal tuning knob and convenient VFO spotting switch were great.

The Seneca was a beautiful transmitter with its two-tone green finish and gleaming aluminum knobs. Although it was a fantastic transmitter that was available for several years, it came at a period of time when interest and product evolution were occurring for VHF and UHF and, as a result, it did not sell as well as some of the Heath product line. Still, it is an excellent vintage VHF transmitter that was well designed for the serious VHF enthusiast of the late 1950s and early 60s.

My sincere thanks to Roaul Wright K4EAJ for donating this well preserved Seneca transmitter to me, used as the basis for this article. •

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A ham recently complained that the W32 was "too big"- an ironic complaint since the radio was designed with a big display, big speaker and big buttons to combat the complaints that radios were getting too small to use! And it didn't have a "function" button. Icom also left off some little used frills, like DTMF "paging".

For Icom, and most other manufacturers, it's the end of an era, too. The era of the "two-bands-at-a-time" dual banders. Ray Novak, head of Amateur Sales for Icom, says the one-band-at-a-time dual banders are selling stronger, and the W32A will not be replaced with a similar radio. Yaesu and Alinco dropped their "TWOBAATs" a while ago, leaving Kenwood as the only source of radios that can listen to two frequencies at once. •

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The Day I Didn't Need a Bigger Hammer

Greetings to all. As this is being written my new house is moving slowly toward completion. The roof, all framing, garage, porches, and basement are complete. This has been a wild time, but thank goodness my wife MaryJo has been *very* patient. For those of you just joining us, I am building the house myself with lots of help from my dad and friends. Hopefully we can move in by spring..........maybe.

Many of you reading have experience on mountain tops with either Ham, broadcast or business radio, so I hope to share something that to this day has been on my mind every time I enter a site. Are you really alone?

One summer evening the FM station received its daily lightning strike, and being a tight-fisted operation there was no backup (at that time anyway). So I enter the site, expecting the usual blown breaker or rectifier strip, but this time something was different. I felt different. Relaxed I guess, but still different. Finding the blown low voltage fuse, replaced and back up.

I usually wait a bit to make sure everything clears, so I found my chair and made some notes in my log. Then... silence.

The entire transmitter just shut off. Very quiet. Very odd. I wondered about what I missed. So I started my checks. Fuses, breakers, plugs. All OK. A trip to the toolbox.

Voltmeter checking power lines, checking fuses again. Nothing seemed out of normal other than it's off. Control voltages good, plate on, plate current, nothing out. Bad meter??? Checking that..... all showing OK. Starting to get very interesting.....

To be short, I checked everything I could think of, even walked twice around the building (to clear the mind of how far I *could* throw it) and back again.

As luck would have it, my broadcast partner, JJ Largen, was on the way over for dinner, so I page him and he comes up. He has lots of experience, and together we check everything we could dream of. We both became very concerned. So we decide we need to eat. Lack of food has caused mental blocks.

So after we eat, we come back, pondering the whole time about what was wrong. You have been there too I bet. Something just not working and you don't know why..... JJ heads home while I decide this may be a good time for a career change. I spend another two hours checking, double, triple checking. Then I just sit down. ALMOST defeated. Almost. I decide to leave and get some sleep. But just before packing up, I lean over the transmitter front panel...." GOD, I guess *You* will have to fix it this time". I press the plate on button one more time....

The transmitter comes on and runs full power. Believe me or not, but that is true. Actually it ran better than ever before. I learned then that faith not only moves mountains.

I have found many of us radio folk have stories like this. To this day, I still can only say, "GOD fixed it". If the FCC ever checked the maintenance log for that day they would find the following entry : "Transmitter off due to storm, back on by the GRACE OF GOD."

Looking back on the past year, reminds me that no matter what happens, we must carry on. John Wayne and Dale Earnhardt would want us to carry on and have a little faith.

Till next time....use a bigger hammer!•

Getting Started

GARY PEARCE, KN4AQ
kn4aq@sera.org
116 WATERFALL CT.
CARY, NC 27513

INTERMOD

In last month's Cover Story on the Georgia Baptist Hams who helped the Salvation Army in New York City following the attack on the World Trade Center, Terry Jones W4TL mentioned that "HT's were totally useless in our operation because of their limited range, and were rendered useless by all of the intermod in New York and Brooklyn," and ..."Intermod in NY City and Brooklyn was terrible and was the worst I had ever experienced..."

Terry received e-mail from Dale Harrison N4CHC of Bremen, Georgia, who wondered...

> **Did you mean useless at a certain location, at a certain time of day, useless due to increased use by others as implied, useless on a certain frequency, for simplex, for a specific repeater(s), on two meters only, or 70 cm or above, for a certain make and model HT or just *totally* useless.**
>
> **And how about all the other hams who live and work in the area? Do the local hams not use HT's because of intermod? If they do, then how do they deal with the intermod? I'm not picking on you; I'm hoping to learn from your experience so we can be better prepared here in northwest Georgia.**

Terry's reply included this information:

> **The brand of HT did not seem to matter. The HT's seemed to be more susceptible by far than the mobile and fixed stations we were using. Most of our communications in the downtown area were on simplex and the HT's did not have enough power to override the interference. If the area we were trying to work in had been out of town, 10 or 15 miles away from downtown, HT's would probably have done the trick over a limited area. Bottom line is that 5 watt HT's did not communicate reliably for distances of 1 to 3 miles on simplex because of the interference overload and the "no gain" antennas that are customarily found on HT's.**
>
> **In my 35 plus years as an amateur I must conclude that intermod will be a problem anytime we go into a downtown metropolitan area where there are numerous pagers and other commercial transmitters operating. We have the same problem when you are driving in downtown Atlanta. In closing I would like to say that when trying to communicate in adverse conditions we must be flexible and make whatever adjustments are needed to "get the message through."**

OK, my turn. And I won't pick on anybody, either. But the term "intermod" gets bandied about much to casually in ham conversations. Every bleep, bloop and squawk that comes out of our speakers that we think didn't belong there gets labeled "intermod." Often it is, sometimes it's not. But in looking deeper into Dale's question, let's see what intermod really is, what other phenomenon might be mistaken for intermod, and most

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importantly, what we can do about it.

Before we get just a little bit technical, I surveyed some hams in the SERA metro areas, just to see if "intermod" is much of a problem for us. We don't have any New Yorks in the eight SERA states, and as you know, things are different there. But we have Atlanta, Charlotte, Memphis, Nashville and a bunch of smaller metro areas. And yes, they have intermod problems.

Ham Hilliard W4GMM, who owns several repeaters in Memphis, says the problem downtown is very bad on both VHF and UHF. He adds:

> **I have set up my repeaters for use by the ARES/RACES group here in Memphis and we are always stressing to the members that handhelds will NOT perform well and recommend to all members to rely on a good mobile radio during an emergency with their handheld as a backup and by all means use an external antenna with a handheld. I use PL on all my machines to combat any intermod.**

PL, often just called "tone" today, can help keep the sound of interfering signals out of your speaker, and keep them from keying up the repeater. But it's only masking the problem. If the interference is strong, it will still cover up weaker signals that you want to hear. But it is usually the ham's first step because most radios already have it built in.

Intermod is bad in Atlanta, too. The Atlanta Radio Club's Penn McClatchey K4PM replied that it's

> **not as bad as Terry described, but HT's will spew hash on occasion for no good reason. So will repeaters. Both 2m and 440 seem equally bad. 220 is not as bad. If I had to choose I would say 440 is the worst.**

Here in Raleigh, we have a few places in town where intermod and other interference rears its head. Southeast of town, most of the TV stations have clustered their towers just a few miles apart, and those towers support lots of broadcast, two-way and pager transmitters. Some radios become useless within a mile or three of the tower cluster, unable to hear a repeater across town. Others don't make a peep.

So it's worth spending some time on the problem.

ALL MIXED UP

But before we can deal with intermod, we need to waste a little time reviewing the Technician Class license test. Specifically, the questions on mixers. Maybe you glazed over during this part of the class.

Mixing is a bedrock, bottom-line, super-fundamental principle of radio. Fortunately, it's dirt-simple. At least it starts out simple, and I'm not going to go anywhere too complex in this article.

Here's the deal: Whenever you mix two signals together, you end up with at least to more signals - the sum of those two, and the difference.

Oh, ow, stop, please stop! You said this was going to be simple, and first thing out of the chute you pull some big math terms like "sum" and difference!" What the heck are you talking about?

Adding and subtracting, actually. The easy part of math that we did back when we called it arithmetic. Let's do that example thing, and I'll keep the numbers small enough that if you take off your shoes, you'll have enough digits to work the problem on your "hand" calculator.

Let's mix two signals together - say 7 MHz and 9 MHz. We'll do that in a little mixer circuit made up of a transistor and a few other components like resistors and capacitors. Into the mixer go the 7 and 9 MHz signals, and out come... our original 7 and 9 MHz signals. And, two more. The sum: 9+7=16 MHz, and the difference: 9-7=2 MHz. If you have a full complement of fingers and toes, the math worked out just fine.

This is just physics, a fact of nature. But what good does it do?

For one thing, it lets us receive the specific radio frequency we want to receive, and reject all others (the term is *selectivity*). Yes, that does sound useful. So how does it do that?

Think about your receiver - that HT or two meter base/mobile rig sitting nearby. Coming down the coax from the antenna are all kinds of signals, from the local AM broadcast stations near 1 MHz to a blizzard of signals from the local cellular tower at 800 Mhz, and a lot in between. Including a few local two meter repeaters that happen to be on the air right now, only one of which we are interested in listening to. How does the receiver pick which of all those to pipe to the speaker?

You, in the back row, with your hand waving in the air. Do you have the answer, or do you just need to go to the bathroom...? "It uses a mixer!" Good! Half a gold star! But to get the other half, you have to show your work.

Actually, the receiver uses several things to pick which signal wins the derby. It starts at the antenna, which favors two meter signals, and doesn't hear the AM broadcast station so well. That's the first, very rough attempt to narrow things down.

A much more effective device comes right after the coax connector (and transmit/receive switch) at the back of the radio, what we call the receiver's "front end." A filter will try to reject all signals outside the band the receiver is designed to hear. Whomp - there goes that AM broadcast signal, all of the HF spectrum, the FM broadcast band and the TV channels.

But now we reach a point that hams love to complain about: these "wide-band" receivers that hear not just the ham band, but the police calls, taxi cabs, pagers and I-don't-know-what-else. (If you really don't know what else, go back and read *Getting Started* in last November's ***Repeater Journal*** - it'll tell you.) Many hams understand the receiver front end enough to know that you have to get rid of a lot of signals if the one you want to hear is going to make it to the speaker without interference. And they may have heard that some of the commercial receivers have a big, heavy filter in the front end that does a great job of blocking all those out-of-band signals. So they reason that a ham radio, designed to *hear* "out-of-band" signals just can't do a good job of rejecting the ones you don't want - right? And oh, by the way, when are we going to get to the part about *mixers!?* It's getting so I *do* have to do to the bathroom!

Well, first, you can do a pretty good job of narrowing down the front end of the receiver with an electronically tuned filter - a filter that will follow the receiver up and down the wide-coverage band. So when you're listening to a two meter repeater, it's rejecting the police department and taxi cabs. And when you're tuned to the cops, it's rejecting the two meter repeaters. It isn't as good as a big hunk of iron right at the antenna leads of the

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receiver, but they can be pretty good. Unfortunately, many models of ham receivers don't have the best tunable filters. They have cheaper, less effective filters. And they let in some of the junk.

So those guys who pontificate about "wide-band receivers" are half right. If you're willing to give up listening to the commercial and public-safety stuff next door to the ham bands, and if you can find a receiver that only hears the ham bands, and if that receiver had a good front-end filter, then yes, you'll hear less junk than the cheap seats receivers hear. (The venerable Radio Shack HTX-202 handheld had a reputation as such a receiver). But you can find some good, wide-band receivers as well. My Standard C5900 is an example of one, with coverage from 40 MHz too over 1 GHz, and excellent rejection of "junk."

I will concede that if you're going to play in the big leagues, with an antenna up on a tall tower surrounded by other transmitters, you need the best, narrow-band filtering you can get.

OK, *now* we're going to talk about mixers! If your attention has wandered, you might need to go back to the beginning of this article and get a refresher. I realize it's been a while.

That front-end filter, be it a fixed piece of metal or a fancy electronic job, is still letting in a fair slice of spectrum - several Megahertz wide. So coming out of it are the signal you want to hear, and still many others. And some of those others may be much stronger then your target signal. So now we turn to the mixer.

OK, so the mixer provides the next stage of selectivity! Can I go to the bathroom now?

Yes, you can - we'll wait. But no, it doesn't. I'll explain.

You're back? OK, good. To review: the front end filter has sliced off most of the radio spectrum that came trundling down the coax from the antenna. But we still have a bunch of signals right around the one we want to tune, and we have to get rid of them.

And I lied. I'm not going to talk about the mixer yet. I'm going to skip over it and talk about the next set of filters - the "IF" filters. In class I like to say that the IF filters decide *if* you're going to hear *this* signal, or *if* your going to hear *that* signal. And yes, I'm quite pleased with myself for thinking that one up.

But to be accurate about it, "IF" means **I**ntermediate **F**requency, and the IF filters are the ones that provide the final, ultimate selectivity in the receiver. They are wide enough only for the one signal you are trying to hear. If we're talking FM, that's about 16 kHz wide.

But here's the rub - the IF filters *can't be tuned* from one frequency to another. They are rigidly fixed, sitting at one frequency (yes, the intermediate frequency). You have to bring your signal to them! I'm so excited about this concept that I find myself pounding they keys on my computer, trying to rush to the next step of explanation.

How do you "bring the signal to the IF?" WITH A MIXER!

Oh, happy day! And just how does this happen? Well, now the numbers are going to get too big for your fingers and toes, but still not too hard to understand, so follow along.

Let's say the repeater we want to hear is at 147.00 Mhz, to use a real example that also yields a nice, round number. And lets say the fixed frequency of our IF filter is 9.0 Mhz, a more or less real-world example. Somehow we have to change the 147.0 signal to 9 MHz.

Up near the front of this slowly unfolding yarn, I gave an example: 9-7=2 MHz. Let's plug some new numbers into it:

156 MHz-147 MHz = 9 MHz

The light bulb is beginning to glow. The 147.0 Mhz signal from the repeater comes down the coax, through the front-end filter, and into the mixer. That's signal number one. And if we mix a 156 MHz signal with it, we'll get that magic 9 Mhz signal out the other end to feed into the very selective IF filter. That 9 MHz signal is the offspring of our original 147 MHz signal - it contains the FM modulation and all the signal-strength characteristics of the original signal. So it shoots on through the 9 MHz filter, on to the demodulator, audio amplifier, and speaker. Brilliant!

OK, ace, where did the 156 MHz signal come from? You're not licensed to transmit there, are you?

Well, you are, just a little bit. The 156 MHz signal comes from a tiny transmitter that's really part of our receiver, called the "**L**ocal **O**scillator" (LO). Yeah, you've heard that term before. Just didn't know quite what it did. Well, the Local Oscillator is a weak little signal, just strong enough to do the job, that gets mixed with the incoming two meter signal to make the IF signal.

And just be complete, let's connect just a few more dots. Let's tune our receiver up and down the band. As we grab the tuning knob and give it a spin, what's happening behind the front panel?

Let's see - the frequency of the signals coming in the antenna from the repeaters are fixed - we can't change them, we just gotta deal with them as they come to us. And the 9 MHz IF filter frequency is fixed - we can't change it. So what *can* we change?

We can change the Local Oscillator. Right now, as our dial reas 147.00 MHz, that LO is generating 156.0 MHz. But suppose we want to tune down the band and hear the 146.94 repeater in the next town? OK, keep in mind that that 94 signal is also coming down the coax, through the front-end filter and it's also mixing with the LO. Only the math shows it to be ending up at: 156-146.94=9.06 MHz. That's .06 MHz, or 60 Kilohertz, up the band from where our 9 MHz filter is letting things through. That signal is stopped dead in its tracks by the IF filter because it's only 16 kHz wide.

So in order to hear the 94 repeater, we have to move the Local Oscillator a bit, down to 155.94, and voilá, we're spitting out 9 MHz again from our mixer, but this time with the modulation of the 146.94 repeater.

And now we can reveal one of the greatest secrets of the receiver. When your dial says 146.94, and you grab the knob to tune the band, you're not really tuning the frequency the dial reads out. That's a second-hand artifact of what's really happening. You're tuning the little Local Oscillator up and down.

I Told You That, So I Could Tell You This

Remember the title of this article? Intermod! It should come as no surprise to learn that Intermod is also a result of signals mixing. But first I wanted to show you what mixing was, and that it is a good thing (though it can also be a bad thing). Intermod is just the name of a particular type of mix. And, to be complete again, the real term is Intermodulation Distortion. A mouthful just begging to be truncated.

The intermod we're worried about is a mix of strong signals that come from transmitters that are physically nearby (usually within a mile or two). They may be near *or very far* in frequency from what we're trying to hear. They somehow end up getting through all the filters and making noise in the speaker, and maybe even being strong enough to obliterate the signal we intend to hear. How does that happen?

Back to math. The formula for intermod mixes is usually a little more complicated than the simple A-B=C of the front-end mixer in our receiver. With the real-world numbers we were using, we got mix products that were a long way from our original frequencies. As you recall, we subtracted the two meter frequency we wanted to hear (147 MHz) from the Local Oscillator frequency (156 MHz) and ended up with 9 MHz. The mixer also generated the *sum* of our LO and incoming repeater (do the math... it's around 290 Mhz). We didn't do anything with that 290 MHz frequency, we just let the 9 MHz IF filter sweep it away.

But mixes can come with some other formulas that cause big problems from strong radio signals that bomb our antennas all day, every day. One of the common ones is well known to radio engineers as "2A-B". That is, double one frequency, and subtract the second. As we'll see, that one can take two transmitters that are up the band a ways (or right in the two meter band), mix them, and blast your receiver with the result.

Here's an example of 2A-B.

152.48 MHz x 2 = 304.96 MHz - 158.02 MHz = 146.94 MHz

152.48 MHz just happens to be a very common pager transmitter frequency. 158.02 might have some public-service stuff on it. If strong signals from those two services hit your receiv-

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& RESERVATIONS

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For updated info check our Web site at Http://www.w4bbb.org

"Our 36th Annual Hamfest - And still Innovating" er, you might hear some very loud bleeeeeep blooooop, braaap braaap braaap's from your speaker. It's especially loud because pager audio is loud to begin with, and when its frequency was doubled, its modulation was doubled. Ouch. And that's just one of many realistic intermod formulas.

Now, how does this get into your receiver? Where does the mix happen? With our receiver, we had a circuit (the mixer) designed to put two signals together. But nobody's going to design a circuit to mix to external signals, are they?

Not on purpose. And here's where it gets interesting. It is very difficult to talk about the *source* of intermod. We may be able to identify the two (or more) transmitters involved. But pinpointing the location of the mix itself can be tricky.

Here's a Key Concept: most of the time, a mix you're hearing will be happening *in your receiver.* I left out a stage of the receiver I described before, to keep things simple. But somewhere between the antenna and the mixer is an amplifier to boost the incoming signal to a usable level. When that amplifier gets hit with extremely strong signals, it can behave like a mixer and cough up that 2A-B mix, or one of the others. That's why the front-end filter is there - to keep those signals away from the amplifier. The better the filters, the less chance the amp becomes a mixer.

A much less likely place for an intermod mix to happen is outside your receiver. In that limited circumstance, the most likely places for the mix to happen are in one of the two (or more) "offending" transmitters, somebody else's nearby transmitter, and finally, everyone's favorite, a "rusty tower joint."

What? A rusty joint? It's true - you don't need any active components at all. Two strong signals can actually get together in the place where two metal surfaces make not-very-good contact, and become a little transmitter. Engineers love to tell that story, and maybe one in a thousand, or one in a million has actually encountered it for sure.

But the more likely location of a mix outside the receiver is in a transmitter - either one of the two or more that's involved in the mix, or an innocent third party.

FIX THE MIX

We're down to the "what to do about it" section of the article. I suppose I could have started here, and you might have followed a recommendation and solved a problem, but would you know *why?* And that's what we're spending money on ink for!

Most of the mixes you'll want to fix are the ones in your receiver. And that's fortunate, because those are the ones you have a chance to do something about. So what can you do?

One - buy a better receiver. You'll recall that they guys in the big cities all said that mobiles did better than handhelds. They also told me that some mobiles did better than others. And I've seen it - I'll drive by the TV towers near Raleigh and listen as one of the two radios in my car goes crazy, while the other stays quiet as a mouse, still able to hear weak, distant repeaters.

I just dialed up the ***QST*** review of my Standard C5900, and I recall one of the things that attracted me to that radio. The intermod spec, or, as ***QST*** calls it, the "two-tone, third-order IMD dynamic range." It was almost 90 dB on both VHF and UHF (and 97 dB on six meters). That means that potential intermod signals from the frequencies used in the test are reduced about 90 dB. 90 dB is a lot. The spec on a Yaesu 8000R, from the same article, was 84 dB. Not bad, but not as good as the Standard. The Icom 2710 spec was only 75 dB. That radio was known for intermod problems. An Alinco DR-605 did well on two meters: 91 dB, but poorly on 70 cm: only 74 dB.

So if you're in the market for a new radio, check those specs, and ask around. You can find radios that hear less intermod. Those specs don't tell the whole story, but they're a good start.

If you already have a radio, and it's intermod prone, you can still do something. You're not likely to open the cover and modify the filter or rebuild the rf amp, but you can add an external filter. They come in two flavors - **band pass**, and **notch**.

Remember the complaints I talked about earlier - those wideband receivers with barn-door broad front ends. They're supposed to have tunable filters that track the receiver, but some don't work all that well. You can change them to "two meter only" receivers by adding an external band pass filter. That device is a metal box that has a coax connector on each end. You put it in the antenna line, connecting the antenna to one end and using a short coax jumper to connect the other end to the radio. The filter blocks all out-of-band signals, so if that's the source of your intermod, your receiver will quiet down.

And most intermod sources will be out of band, but it's possible that two ham repeaters are mixing and hitting a frequency you want to listen to. If that's the case, the bandpass filter won't help. In fact, there's not much you can do for that.

The downside to the band pass filter is that you can't hear signals outside of two meters anymore. You may not listen to the local police department, but you probably do listen to the NOAA Weather stations at 162 MHz. With the band pass filter in line, they'll be gone. Some filter models come with a switch so you can take them out of the line when you want to listen to out-of-band signals.

A somewhat more elegant solution, *if* you can identify one particular bothersome frequency, is the notch filter. This is another little box that goes in the antenna line. Instead of passing only a limited block of spectrum like the band pass filter, the notch filter eliminates a small slice of spectrum, and lets everything else through. This is useful to hams because it just so happens that a lot of the intermod we hear involves pager transmitters around 152 MHz.

Now, a receiver that gets bad intermod from the pagers probably gets bad intermod from lots of other transmitters elsewhere in the spectrum. But pagers stand out because they are on the air almost all the time, and often run much higher power than voice repeaters. So, while your receiver may be prone to hearing a mix between the local police transmitter and the local taxi dispatcher, they aren't on the air at the same time often enough for you to notice it a lot. But that *pager...* bleeeep, blooop, braaaap braaaap braaaap. You'll notice that. Notch it out, and you'll spend a lot less time hearing intermod. And you'll still be able to tune outside two meters with normal sensitivity.

Two other things to note. Since these boxes go in your antenna line, you transmit through them as well. Their components have to be beefed up enough to handle your 50 watts or so of transmit. So they're physically bigger than filters that go only in receivers. And, if you run a dual-band radio with a single antenna, you'll have to consider the filter's effect on UHF. A VHF filter (band pass or notch) won't help UHF, and may block UHF signals.

If you need to cover both bands, and you've got really bad intermod problems, you might need filters for both bands and a complex scheme of diplexers and coax jumpers to get all the signals routed through the filters. I know several people who have either a single band pass or notch filter, but I don't know anyone who's tried the multiple filter approach.

I'm aware of two companies making filters for the Amateur market: DCI and PAR. They both run tiny ads in the big magazines (hey, why not the RJ?), and you might not have even noticed them. I'll give each a freebie here as a service to you, the reader. DCI makes bandpass filters, and PAR makes both bandpass and notch. PAR's notch filter is the easiest to accommodate in a dual-band radio, since it will pass both VHF and UHF.

PAR also makes a tiny version that goes on the top of a handheld. I haven't tried it, but it sounds promising for that stubborn problem.

BEYOND INTERMOD

Intermod isn't the only problem a radio can have with "outside" signals. In a downtown area, you could be suffering **front-end overload** - signals so strong that they just shut that the RF amp and mixer just can't hear the weaker ham signal you want to hear. If the strong signals are coming from out of band, a bandpass filter can help that, too.

And then there's the **image** problem. No, I don't mean that you look like a geek walking around with an HT hanging on your belt. If the cell phone craze has done anything for us, it's made us look a bit more "normal." The image is a specific problem caused by the physics of the mixer.

Remember that we mixed a 156 MHz signal with our 147 MHz signal to come up with our 9 MHz Intermediate Frequency. Well, guess what *else* mixes with 156 to yield 9 MHz. 165 MHz does. Once again, a good front end bandpass filter takes that out of the equation. The spec for how well a radio avoids hearing the image is "Image Rejection."

These solutions are not cheap. PAR's filters start above $50, and DSI's can hit a hundred or more. Repeater owners, both Amateur and commercial, are used to paying the tab to get rid of as much intermod and overload as they can.

INTERMOD Outside Your Receiver

Finally, what if the intermod is really coming from a source outside your receiver? A signal from one transmitter can hit the antenna of a neighbor, head down the coax and mix right in the neighbor's transmitter. And if they're fairly close in the spectrum, the bandpass filters they're probably employing won't stop it. The intermod gets radiated out the antenna as an ordinary transmitted signal (albeit a very low powered one). Even if it's just a few milliwatts, if the antenna is up high you can here it for miles. And there's nothing you can do on your end to make it go away (though you can mask it by using tone).

Figuring out for sure that intermod is generated in a transmitter is tricky, and the cure is expensive. A device called an isolator, placed in the antenna line of the transmitter that's hosting the mix, will keep the RF coming down the antenna line from getting in and making the mix. How it works is well beyond this column. Once again, repeater owners are familiar with the device, and the expense. If you are suffering interference from a transmitter-generated mix, and you can prove it, the transmitter owner should buy and install the isolator and clean it up.

Has any of this helped the ARES team that may need to communicate from a shelter or kitchen downtown? If Terry and his group had some bandpass filters, life might have been easier, though their handhelds would still be a problem.

To be ready to go anywhere, you will need to consider adding some filters to your equipment list. And don't rely on handhelds working properly for critical weak signals. •

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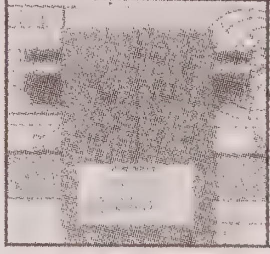

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AUG - By Jul. 15th
NOV - By Oct. 15th

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The SERA Repeater Journal Southeastern

2002 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the ***Repeater Journal*** Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring ham and computerfests.

Deadline for next May Issue is April 1, 2002

FEBRUARY, 2002

1-2 (fri-sat) . . MS St ARRLConv/HF, JACKSON, MS
2. . . . . . Hamfest at Stall HS, N. CHARLESTON, SC
2-3. . . . . SE ARRL Div Conv/HF, MIAMI, FL
8-10. . . . Hamfest, Central Florida FG, ORLANDO, FL
9-10 . . . . Hamfest, MEMPHIS, TN
10. . . . . Hamfest, MANSFIELD, OH
10 . . . . . ARRL VA State/FrostFest, RICHMOND, VA
16. . . . . Hamfest, SEBRING, FL
23 . . . . Cabin Fever Hamfest, LaPORTE, IN
23 . . . . Dalton ARC Hamfest, DALTON, GA
24. . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
24 . . . . Hamfest, CUYAHOGA FALLS, OH
24 . . . . Hamfest, ZEPHYRHILLS, FL

MARCH, 2002

2. . . . . . . Gulfcoast ARC HF, NEW PORT RICHEY, FL
2 . . . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
2 . . . 26th Mam. Cave ARC Hamfest, CAVE CITY, KY
2. . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
3 . . . . Vienna WA Winterfest, ANNANDALE, VA
8-10. . . . . LA State ARRL Conv/HF, RAYNE, LA
9 . . . . Hamfest, PORT CHARLOTTE, FL, FL
9 . . . . Hamfest, HARRISON, AR
9-10 . . . . HF/Comp. Show, CHARLOTTE, NC
16. . . . Hamfest at Coonskin Amry, CHARLESTON, WV
16-17 . . . . Hamfest at Jim Miller Pk, MARIETTA, GA
16 . . . . Hamfest, Martin Cty. Fg, STUART, FL
17. . . . . Toledo MRA Hamfest, MAUMEE, OH
24. . . . . Downeast HF - Lenior Cty. FG, KINSTON, NC
24. . . . . Lake Cty ARA Hamfest, MADISON, OH

APRIL, 2002

6 . . . . Hamfest, ELIZABETHTOWN, KY
6-7 . . . . . . ARRL MD St.-Conv/HF, TIMONIUM, MD
6-7 . . . . . . Gr. Jax HF Hamfest, JACKSONVILLE, FL
7 . . . . Ft. Smith Area ARC Hamfest, FT. SMITH, AR
14 . . . . . NC St. ARRL Conv./RARSFest, RALEIGH, NC
20. . . . Chesapeake ARS Springfest, CHESAPEAKE, VA
20 . . . . . Catawba Val. HF & Comp., MORGANTON, NC
27. . . . . . Cherokee Cap. ARS Hamfest, CALHOUN, GA
27. . . . . Bankhead ARC Hamfest, MOULTON, AL
27 . . . . . 5th Salkehatchie Tailgate Party, WINSOR, SC
27 . . . . Hamfest, GAINESVILLE, FL
28. . . . . Athens Co. ARA Hamfest, ATHENS, OH
28. . . . . Hamfest, CANFIELD, OH

MAY, 2002

3-4. . . . . . . MO St. ARRL Conv/HF, LEBANON, MO
4. . . . . Upstate Hf, SPARTANBURG, SC
4 . . . . Big Sandy ARC Hamfest, LOUISA, KY
4. . . . . Hamfest, GRAYSONVILLE, MD
4-5. . . . . Birminghamfest, BIRMINGHAM, AL
5 . . . . . . Antietam RA Hamfest, HAGERSTOWN, MD
11. . . . . Plateau ARA Hamfest, BECKLEY, WV
17-19 . . . . Hamvention, DAYTON, OH
18. . . . . . Hamfest at Sadler's Cr. Pk., HARTWELL, GA
18* . . . . . Roanoke ARS Swapfest, WILLIAMSTON, NC
18*. . . . . Hamfest, STATESBORO, GA
25*. . . . . . Pennyrile Tailgate, DAWSON SPRINGS, KY
25*. . . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC
26* . . . . . MD FM Assn. Hamfest, W.FRIENDSHIP, MD

JUNE, 2002

1*. . . . . HF at Jax Cty. FG PASCAGOULA, MS
1 . . . . Atlanta RC Hamfest, ATLANTA, GA
2. . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
2* . . . . Hamfest, PRINCETON, IL
7-8 (Fri eve-Sat) . . . Elec. Expo/HF, KNOXVILLE, TN
8 . . . . HF/Computer Fair, ALBANY, GA
8* . . . Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
8 . . . . . Hamfest at Dixie FG, WINSTON-SALEM, NC
9 . . . . N. Ky ARC Hamfest, INDEPENDENCE, KY
9* . . . . Hamfest (Suffield) AKRON, OH
15* . . . . Chester ARES Tailgate, CHESTER, SC
15* . . . . Nashville ARC Hamfest, NASHVILLE, TN
16*. . . . . . . Frederick ARC Hamfest, FREDERICK, MD
16* . . . . . . LakeCty ARC Hamfest, CROWN POINT, IN
22-23*. . . . . ARRL FIELD DAY
24 . . . . Hamfest, ZEPHYRHILLS, FL

JULY, 2002

6* . . . . Hamfest, INDIANAPOLIS, IN
6. . . . . Firecracker HF at Civic Cen, SALISBURY, NC
13 . . . . . . ARRL GA State Conv/HF, GAINESVILLE, GA
13. . . . . Hamfest at Bradley HS, CLEVELAND, TN
19-20* (fri-sat). . . . Milton ARC Hamfest, MILTON, FL
20 . . . . Midsummer Swapfest, CARY, NC
20*. . . . . RCARS Hamfest at Cdr Pt. Pk, DAYTON, TN
27 . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
27. . . . . WCARS HF, Hywd Cty. FG, WAYNESVILLE, NC
28*. . . . . . Portage Cty ARC Hamfest, RANDOLPH, OH
28 . . . BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 2002

3*. . . . HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
3 . . . Voice/ Aladdin ARC Hamfest, COLUMBUS, OH
3* . . . . Hamfest, EILLIJAY, GA
4 . . . . 52nd Annual Winchester HF, BERRYVILLE, VA
4. . . . . Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
4 . . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
10* . . . . . Hamfest, at Meth. Col., FAYETTEVILLE, NC
10*. . . . . TARA HF & Comp. Show, HUNTINGTON, WV
17-18 . . . . Hamfest, HUNTSVILLE, AL
18* . . . . Warren ARA Hamfest, WARREN, OH
24 . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
25* . . . . Short Mt. RC, Hamfest, LEBANON, TN
30-Sep1 . . . Hamfest at Cleveland Cty FG, SHELBY NC

SEPTEMBER, 2002

7*. . . . . Owen Cty ARA Hamfest, SPENCER, IN
7 . KY St. ARRL Conv/HF-Bullit FG, LOUISVILLE, KY
7* . . . . . . Hamfest at Auditorium, MELBOURNE, FL
7* . . . Dalton ARC Tailgate Fest, PRATER'S MILL, GA
8 . . . *(One Day Only)* Hamfest, VIRGINIA BEACH, VA
8*. . . . . Findlay ARC Hamfest, FINDLAY, OH
8*. . . . . Butler Cty ARA Hamfest, BUTLER, PA
13-14* (fri.nite-Sat) Mobile ARC Hamfest, MOBILE, AL
14*. . . . . . Arrl St. Conv./Hamfest, LITTLE ROCK, AR
14. . . . . Paulding ARC Hamfest, DALLAS, GA
14* . . . . Mobile ARC Hamfest, MOBILE, AL
22*. . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
22 . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
22* . . . . . . Columbia ARA, Hamfest, FRIENDSHIP, MD
27-28* (Fri-Sat) . . Ten-Tec Hamfest, SEVIERVILLE, TN
28* . . . . Hamfest, DOTHAN, AL
28*. . . . . Day in Park HF, STARKVILLE, MS
29* . . . . FARS HF at Pr. George Stadium, BOWIE, MD

OCTOBER, 2002

5. . . . . KCARC Hamfest, BOWLING GREEN, KY
5*. . . . . . . Hamfest/Computer Fair, ROCK HILL, SC
12*. . . . . Stafford ARA Hamfest, STAFFORD, VA
12*. . . . . Hamfest, STARKE, FL
12* . . . . Hamfest, OAK RIDGE, TN
12*. . ARC of Augusta, HF/Comp Show, AUGUSTA, GA
13 . . . . Hamfest, MAYESVILLE, NC
18-19* (Fri-Sat) . . . . NW GA ARC Hamfest, ROME, GA
19 . . . . Gr. Jax HF Hamfest, JACKSONVILLE, FL
26*. . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
26* . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
27 . . . . Massillon ARC Hamfest, CANTON, OH

NOVEMBER, 2002

2-3 . . . . GA ARRL Sec./HF, LAWRENCEVILLE, GA
9 . . . . . Beachfest/Fleamarket, MYRTLE BEACH, SC
9* . . . . Hamfest at St. Fairgrnds, MONTGOMERY, AL
9*. . . . . Hamfest, PORT. ST. LUCIE, FL
15-16* (fri-sat) . . . . . Hamfest, OCEAN SPRINGS, MS
16* . . . . Twin City Hams, Hamfest, MONROE, LA
16-17*. . . . . Hamfest, FT. WAYNE, IN
17* . . . . JARSFEST at American Legion, BENSON, NC
23*. . . . . EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2002

7* . . Union Cty ARC Hamfest, at Armory UNION, SC
7-8. . . . . Tampa Bay Hamfest, PALMETTO, FL

2003 CONFIRMED DATES

Jan. 4. . . . . Hamfest, MORRISTOWN, TN
May 16-18 . . . . Dayton Hamvention, DAYTON, OH
July 19 . . . . Mid-Summer Swapfest, CARY, NC
Aug. 6 . . . . 53rd Winchester HF, BERRYVILLE, VA

2004 CONFIRMED DATES

July 17 . . . . Mid-Summer Swapfest, CARY, NC

Deadline for May RJ Hamfest Calendar updates is April 1st. E-mail the Editor: editor@SERA.org

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ADDRESS ______________________________
CITY__________________STATE_____ZIP_______
HOME PHONE #: (   ) ____________________
E-MAIL ADDRESS: _________________________
ARRL MEMBER: [   ] YES [   ] NO

NAME ________________________ CALL__________
ADDRESS______________________________
CITY__________________STATE_____ZIP_______
HOME PHONE #: (   ) ____________________
E-MAIL ADDRESS: _________________________
ARRL MEMBER: [   ] YES [   ] NO

FULL MEMBERSHIP: [   ] NEW [   ] RENEWAL - (**$20.00 FOR YEAR 2002 - 1/1/02 thru 12/31/02**) FEE ENCL. - AMOUNT $________
REPEATER IS SPONSORED BY: (Name of Club OR Owner)______________________________
REPEATER TRUSTEE'S NAME______________________________ CALLSIGN ______________

IF A 2002 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST OCTOBER, INDICATE PERSON'S NAME AND ADDRESS TO SEND 2003 TO:

NAME ________________________ CALLSIGN____________________
ADDRESS______________________ CITY____________________ STATE__________ ZIP____________

- *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*

An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 11-01

REPEATER OWNERS

SERA Repeater Journal
The Official Voice of SERA, Inc.

There is nothing like letting your friends and users know you support SERA. Full Member repeaters are designated in our indexes by the little ☺. Don't be "un-smiley" ☹, fill out the application above and send it in. Two persons will be Full Member Representatives and get the Repeater Journal for 2002.

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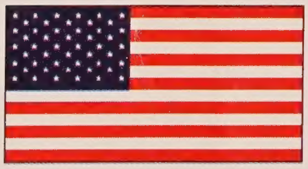

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EA0098
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- Each memory capable of "odd split" operation.
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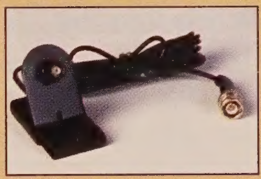

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*Digital communications require at least two similarly equipped transceivers.
Digital mode is compatible with Alinco DR-135/235/435T mobile transceivers equipped with EJ-43U digital communications board.
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